

AD-777 401

MARINE GEOPHYSICAL SURVEY (1965-1968)
STATION-DATA LISTING AND REPORT CATALOG

Stanley Chanesman, et al

Naval Oceanographic Office
Washington, D. C.

March 1974

DISTRIBUTED BY:



National Technical Information Service
U. S. DEPARTMENT OF COMMERCE
5285 Port Royal Road, Springfield Va. 22151

**Best
Available
Copy**

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

DD FORM 1 JAN 73 1473

EDITION OF 1 NOV 65 IS OBSOLETE
S/N 0102-014-66011

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

FOREWORD

A significant amount of environmental data collected during the Marine Geophysical Survey has been reported by Texas Instruments, Inc. and Alpine Geophysical Associates, Inc. under contract to the U. S. Naval Oceanographic Office. Although the survey was primarily conceived to provide environmental information for specialized Navy users, the collected data were sufficiently diverse to interest a wide group of potential users. This publication indicates the availability of reported data obtained in the North Atlantic and North Pacific Oceans during the survey.

P.V. Purkrabek
P. V. PURKRABEK
Captain, U. S. Navy
Commander

| | | |
|------------------------------------|---------------------------------------|--|
| ACCESSION for | | |
| NTIS | White Station | |
| ECC | Buff Section <input type="checkbox"/> | |
| MANHOUSED <input type="checkbox"/> | | |
| JUSTIFICATION | | |
| | | |
| BY | | |
| DISTRIBUTION/AVAILABILITY CODES | | |
| DIST. A-11C 384-3 5-60 | | |
| <i>P</i> | | |

1a

CONTENTS

| | PAGE |
|--------------------------------|------|
| FOREWORD | |
| INTRODUCTION | 1 |
| STATION-DATA LISTING | 9 |
| REPORT CATALOG | 69 |

ILLUSTRATIONS

| | |
|--|---|
| FIGURE 1. DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TASK AREAS IN THE NORTH ATLANTIC | 3 |
| FIGURE 2. DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TASK AREAS IN THE NORTH PACIFIC | 5 |
| FIGURE 3. DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TRANSITS | 7 |

TABLES

| | |
|---|----|
| TABLE 1. MGS DATA SUMMARY | 1 |
| TABLE 2. LIST OF ABBREVIATIONS FOR STATION-DATA LISTINGS | 13 |

APPENDICES

| | |
|--|----|
| APPENDIX A - STATION LOCATION DENSITY CHARTS | 85 |
| APPENDIX B - MARINE GEOPHYSICAL SURVEY REPORT DISTRIBUTION LIST | 89 |

Preceding page blank

INTRODUCTION

The Marine Geophysical Survey (MGS) Program (1965-1968) produced an extensive collection of acoustic and supporting geophysical and oceanographic data in the North Atlantic and North Pacific Oceans. Magnetic, seismic, bathymetric, and 3.5-kHz normal incidence bottom reflectivity measurements were collected underway; and acoustic propagation, sound velocity, and temperature and salinity were measured and bottom cores and photographs taken on station. Table 1 is a summary of data obtained during the MGS Program.

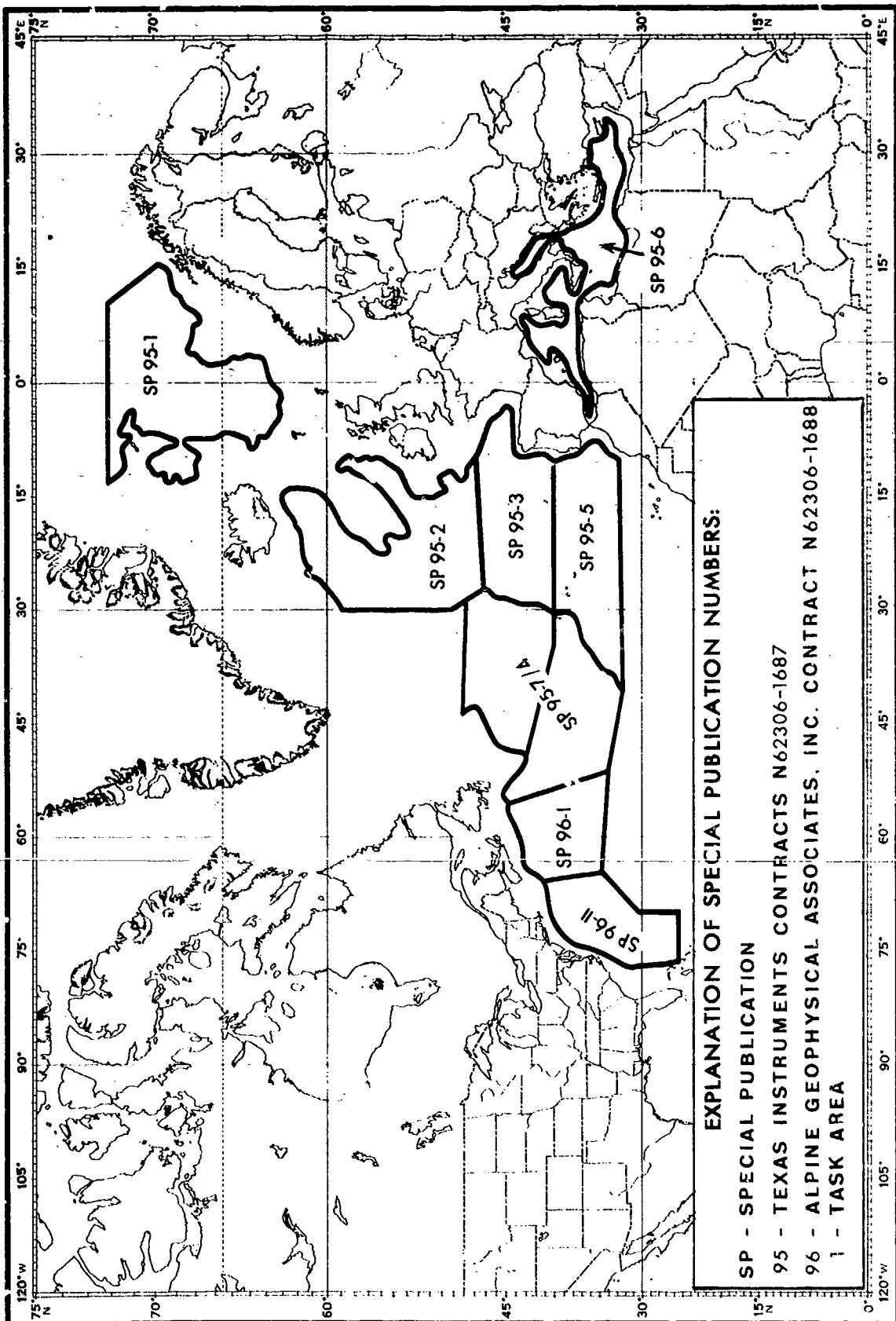
TABLE 1

MGS DATA SUMMARY

| DATA | ATLANTIC | PACIFIC | TOTAL |
|-----------------------|----------|---------|---------|
| Acoustic stations | 802 | 380 | 1,182 |
| Velocimeter lowerings | 638 | 399 | 1,037 |
| BT drops | 49 | - | 49 |
| Nansen casts | 156 | 49 | 205 |
| Camera stations | 81 | 64 | 145 |
| Cores | 95 | 75 | 170 |
| Underway track miles | 130,538 | 110,962 | 241,500 |

This report consists of a geographic listing of on-station measurements and a report catalog of 167 published volumes arranged and categorized in three special publication series. Texas Instruments, Inc. reports comprise the SP-95 series; and Alpine Geophysical Associates, Inc. reports, the SP-96 and SP-97 series. Each volume has been assigned a U. S. Naval Oceanographic Office Special Publication number, such as SP-95-6-1. In this example, SP-95 identifies the special publication series and the contractor, the 6 identifies the task area, and the 1 identifies the volume number. Figures 1 - 3 relate the special publication series and task area numbers to the geographic location of the 14 task areas and three transits between survey areas.

Publication users requiring information such as geographic location and type of data may refer directly to the station-data listing, and those interested in report content and report titles may refer to the report catalog.



Preceding page blank

FIGURE 1 DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TASK AREAS IN THE NORTH ATLANTIC

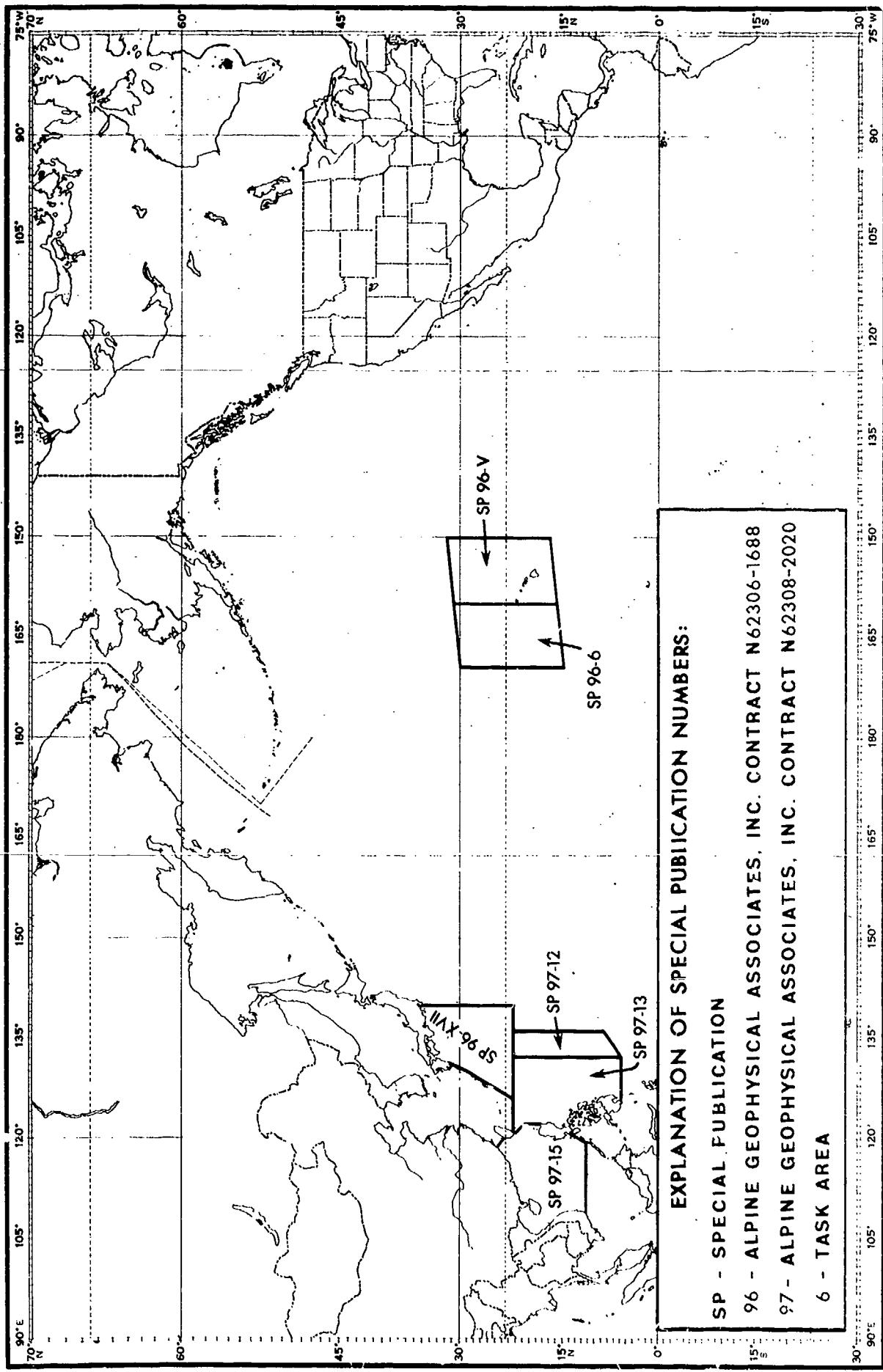
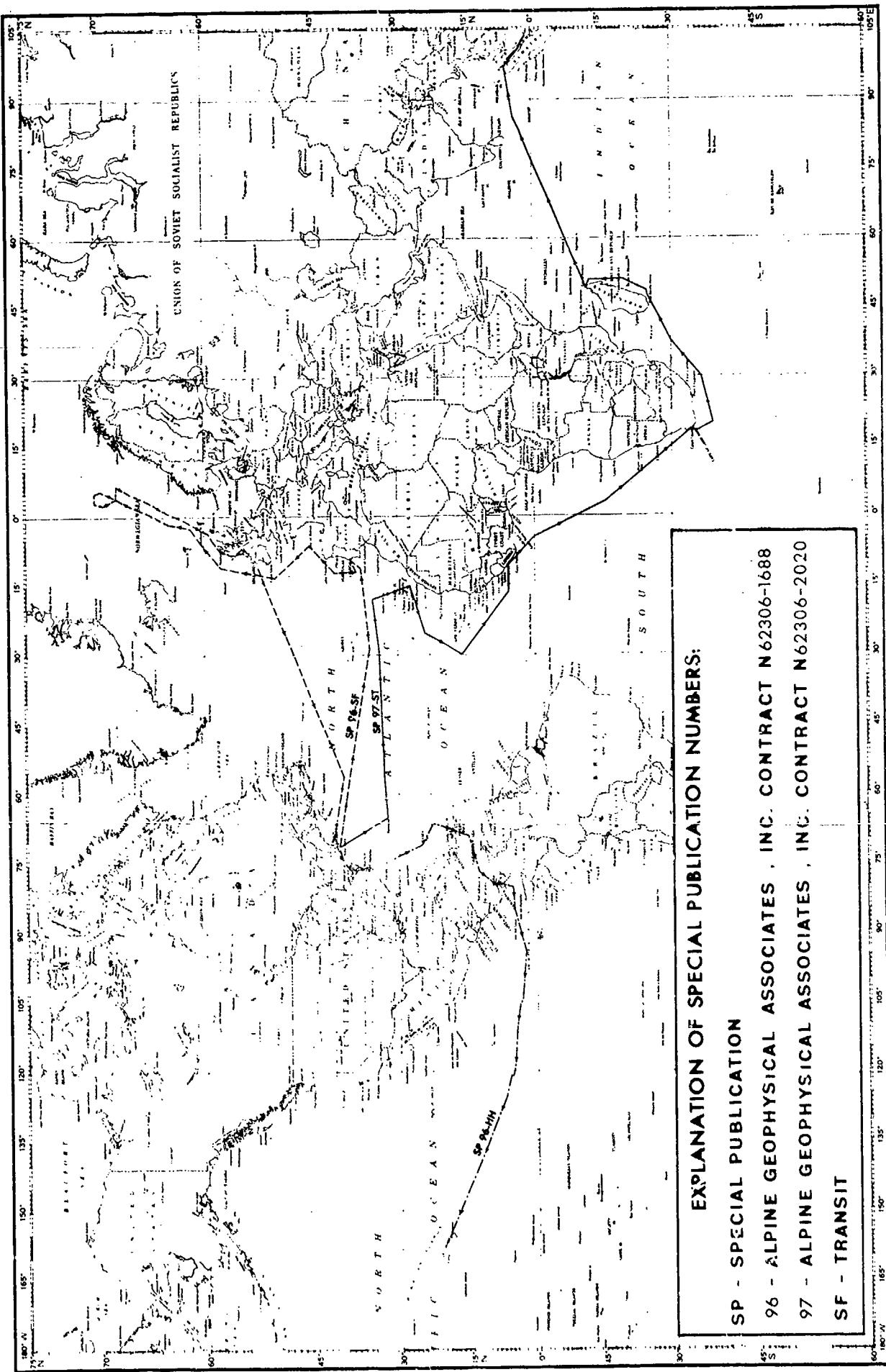


FIGURE 2 DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TASK AREAS IN THE NORTH PACIFIC



Preceding page blank FIGURE 3 DESIGNATED SPECIAL PUBLICATION NUMBERS FOR TRANSITS

STATION DATA LISTING

The station-data listing contains a geographic* compilation of on-station-data categories reported in the MGS Program. A brief description of the data categories in the listing follows:

1. Sound Velocity - Profiles from surface to bottom were determined at most acoustic stations. Data are presented in tables and graphs.

2. Nansen casts - Temperature and salinity are listed at standard oceanographic depths. Comparisons were made between computed velocities derived from Nansen cast data and measured data from velocimeters to validate observations and ensure data quality.

3. Core - Bottom sediment samples were obtained with a modified Ewing piston corer and analyzed for lithographic description, engineering properties, sound velocity, and chemical composition.

4. Reverberation - Surface/volume- and bottom-reverberation levels were measured at selected sites. Twenty-four-hour volume reverberation stations were also occupied to determine daytime and nighttime levels.

5. Bottom photographs - At each core location, cameras were positioned near the bottom to obtain about 50 stereo pairs.

6. Propagation loss and bottom loss - Acoustic transmission measurements for the bottom reflected path using explosives as sources were made at each acoustic station. Propagation loss and bottom loss data are presented in tables and graphs as a function of range, grazing angle, and frequency (0.1, 0.5, 1.0, 2.0, 3.5, 8.0, and 12.0 kHz).

7. Physiographic provinces - Physiographic province charts for each task area were constructed from bathymetric and seismic information. The type of physiography at each station location is listed. Table 2 lists abbreviations for physiographic provinces.

* The positions are acoustic station locations. Where no acoustic station was occupied, the noted position is for the first measured parameters. The positions are approximate, since the ships continually drifted while on station.

The station-data listing is keyed to the task areas depicted in figures 1 - 3, and a determination of availability, type, and amount of data for a task area can be readily made. For example, if core information is required for the Norwegian Sea, the following procedure is applicable. The area of interest is located in figure 1, where it is noted that data are reported in the SP-95-1 series. The listing indicates that eight cores were taken and gives their locations. The volume in which the core data are reported is noted at the bottom of the page as volume 6, and the volume is designated SP-95-1-6 (see report catalog section).

The station-data listing excludes all underway measurements; e.g., seismic profiling, bathymetry, total magnetic intensity, sea surface temperature, and pulsed normal incidence acoustic data. These data are briefly discussed in the report catalog section.

TABLE 2
LIST OF ABBREVIATIONS FOR STATION-DATA LISTINGS

| | |
|----------------------------------|--------|
| Abyssal Hills | ABH |
| Abyssal Plain. | ABP |
| Arch | ARC |
| Atlantic | ATL |
| Basin. | BAS |
| Bottom | BOT |
| Cone | CNE |
| Continental Borderland | BDL |
| Continental Shelf. | CSF |
| Continental Slope. | CSP |
| Fracture Zone. | FRZ |
| Hawaiian Deep. | HDP |
| Hill | HIL |
| Island Slope | ISP |
| Knoll. | KNL |
| Lower Step | LST |
| Middle Step. | MST |
| Moat | MOT |
| Nansen | NANSN |
| Pacific. | PAC |
| Photographs. | PHOT |
| Physiographic. | PHYSIO |
| Plateau. | PLT |
| Propagation. | PROP |
| Province | PROV |
| Reverberation. | RVRB |
| Ridge. | RDG |
| Rift Mountains | RMT |
| Rise | RSE |
| Seamount | SMT |
| Surface. | SFC |
| Terrace. | TER |
| Trench | TRN |
| Trough | TGH |
| Upper Step | UST |
| Velocity | VELOC |
| Volume | VOL |

STATION DATA

Contractor: Texas Instruments, Incorporated

SP-95-1

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT /VCL | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS | PROV |
|------|-----------|------------|-------------|----------------|----------------|-------------|---------------------|-------------|----------------------|----------------|------|
| 1 | 2 Sep 66 | 62°30'0"N | 001°00'.0"W | X | X | X | X | X | X | X | RSE |
| 2 | 17 Nov 66 | 63°45'.0"N | 000°04'.8"E | | | X | X | X | X | X | RSE |
| 3 | 16 Nov 66 | 64°00'.0"N | 002°00'.0"E | | | X | X | X | X | X | CSP |
| 4 | 15 Nov 66 | 64°40'.8"N | 002°07'.2"E | | | X | X | X | X | X | RSE |
| 5 | 15 Nov 66 | 65°15'.6"N | 001°48'.6"E | X | | X | X | X | X | X | RSE |
| 6 | 11 Nov 66 | 66°28'.2"N | 003°07'.2"E | X | | X | X | X | X | X | PLT |
| 7 | 9 Nov 66 | 67°00'.0"N | 006°00'.0"E | X | | X | X | X | X | X | PLT |
| 8 | 10 Nov 66 | 67°27'.0"N | 003°45'.0"E | X | | X | X | X | X | X | PLT |
| 9 | 12 Sep 66 | 67°55'.2"N | 002°51.0"E | X | | X | X | X | X | X | PLT |
| 10 | 11 Sep 66 | 68°22'.8"N | 004°42.6"E | X | | X | X | X | X | X | CSP |
| 11 | 13 Jul 66 | 68°34'.2"N | 006°52.7"E | X | | X | X | X | X | X | CSP |
| 12 | 27 Sep 66 | 68°31'.2"N | 006°52.0"E | X | | X | X | X | X | X | CSP |
| 13 | 28 Oct 66 | 67°40'.2"N | 006°51.6"E | X | | X | X | X | X | X | PLT |
| 14 | 27 Oct 66 | 68°00'.0"N | 008°35.0"E | X | | X | X | X | X | X | RSE |
| 15 | 23 Oct 66 | 69°00'.0"N | 009°09.6"E | X | | X | X | X | X | X | RSE |
| 16 | 23 Oct 66 | 69°24'.6"N | 011°00.0"E | X | | X | X | X | X | X | RSE |
| 17 | 22 Oct 66 | 68°00'.0"N | 013°12.6"E | X | | X | X | X | X | X | RSE |
| 18 | 21 Nov 66 | 68°48'.6"N | 009°09.6"E | X | | X | X | X | X | X | RSE |
| 19 | 26 Oct 66 | 69°45'.5"N | 011°00.0"E | X | | X | X | X | X | X | RSE |
| 20 | 27 Oct 66 | 69°16'.8"N | 013°00.0"E | X | | X | X | X | X | X | RSE |
| 21 | 26 Nov 66 | 69°19'.4"N | 011°30.0"E | X | | X | X | X | X | X | RSE |
| 22 | 26 Oct 66 | 69°45'.5"N | 009°30.0"E | X | | X | X | X | X | X | RSE |
| 23 | 27 Oct 66 | 69°16'.8"N | 008°45.0"E | X | | X | X | X | X | X | RSE |
| 24 | 11 Sep 66 | 59°16'.2"N | 005°10.2"E | X | | X | X | X | X | X | ABP |
| 25 | 10 Sep 66 | 69°00'.0"N | 003°10.2"E | X | | X | X | X | X | X | ABP |
| 26 | 10 Sep 66 | 69°30'.0"N | 003°30.0"E | X | | X | X | X | X | X | ABP |
| 27 | 14 Sep 66 | 68°40'.2"N | 001°00.0"E | X | | X | X | X | X | X | RSE |

Data reported in volumes

6 6 4 4 6 6 1 1 2 2 1 1 5

STATION DATA SP-95-1
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO PROV |
|------|--------|----------|-----------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 28 | 11 Oct | 66 | 67°54.6'N | 001°15.0'W | | | | | | X | |
| 29 | 10 Oct | 66 | 67°00.6'N | 000°00.0'W | | | | | | X | |
| 30 | 13 Nov | 66 | 66°19.8'N | 000°19.8'E | X | | | | | X | |
| 31 | 14 Nov | 66 | 65°45.0'N | 000°31.8'E | X | | | | | X | |
| 32 | 6 Sep | 66 | 65°10.2'N | 000°31.2'W | X | | | | | X | |
| 33 | 4 Sep | 66 | 64°34.8'N | 002°15.0'W | X | | | | | X | |
| 34 | 3 Sep | 66 | 64°00.0'N | 002°15.0'W | X | | | | | X | |
| 35 | 7 Aug | 66 | 63°10.2'N | 001°49.2'W | X | | | | | X | |
| 38 | 8 Aug | 66 | 63°43.2'N | 003°30.0'W | X | | | | | X | |
| 39 | 9 Aug | 66 | 64°37.8'N | 003°10.2'W | X | | | | | X | |
| 40 | 10 Aug | 66 | 65°25.2'N | 002°45.0'W | X | | | | | X | |
| 42 | 6 Sep | 66 | 66°18.6'N | 001°25.8'W | X | | | | | X | |
| 43 | 7 Sep | 66 | 66°51.0'N | 002°40.2'W | X | | | | | X | |
| 44 | 8 Sep | 66 | 67°45.0'N | 003°15.0'W | X | | | | | X | |
| 45 | 11 Oct | 66 | 68°34.8'N | 004°18.6'W | X | | | | | X | |
| 46 | 8 Sep | 66 | 68°37.2'N | 002°30.0'W | X | | | | | X | |
| 47 | 14 Sep | 66 | 69°19.8'N | 002°25.8'W | X | | | | | X | |
| 48 | 15 Sep | 66 | 69°55.8'N | 000°31.8'W | X | | | | | X | |
| 50 | 13 Aug | 66 | 70°18.0'N | 003°19.2'E | X | | | | | X | |
| 50 | 29 Sep | 66 | 70°03.6'N | 003°15.0'E | X | | | | | X | |
| 51 | 12 Aug | 66 | 70°15.0'N | 004°36.0'E | X | | | | | X | |
| 51 | 28 Sep | 66 | 70°13.8'N | 004°52.2'E | X | | | | | X | |
| 52 | 12 Aug | 66 | 69°43.8'N | 005°30.0'E | X | | | | | X | |
| 52 | 28 Sep | 66 | 69°42.0'N | 005°34.2'E | X | | | | | X | |
| 53 | 15 Oct | 66 | 71°00.0'N | 007°00.0'E | | | | | | X | |

Data reported in volumes

5 6 7 8 9 10 11 12 13 14 15

STATION DATA SP-95-1
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 55 | 22 Oct 66 | 70°51.0'N | 011°18.0'E | X | | X | | X | | X | RSE |
| 57 | 21 Oct 66 | 71°15.0'N | 014°00.0'E | X | | X | | X | | X | RSE |
| 59 | 18 Oct 66 | 71°49.8'N | 012°00.0'E | X | | X | | X | | X | RSE |
| 60 | 16 Oct 66 | 71°40.2'N | 010°30.0'E | X | | X | | X | | X | RSE |
| 61 | 15 Oct 66 | 71°30.0'N | 007°30.0'E | X | | X | | X | | X | RSE |
| 62 | 14 Oct 66 | 71°25.0'N | 005°40.8'E | X | | X | | X | | X | RSE |
| 64 | 14 Oct 66 | 71°15.0'N | 002°30.6'E | X | | X | | X | | X | RSE |
| 65 | 12 Oct 66 | 70°46.2'N | 002°00.0'E | X | | X | | X | | X | KNL |
| 66 | 12 Sep 66 | 70°45.8'N | 003°15.0'W | X | | X | | X | | X | KDG |
| 68 | 11 Oct 66 | 62°00.0'N | 005°00.0'W | X | | X | | X | | X | RSE |
| 69 | 22 Aug 66 | 67°34.0'N | 005°21.0'W | X | | X | | X | | X | RSE |
| 70 | 21 Aug 66 | 67°09.0'N | 005°19.8'W | X | | X | | X | | X | RSE |
| 71 | 21 Aug 66 | 66°50.0'N | 003°49.8'W | X | | X | | X | | X | BAS |
| 72 | 22 Aug 66 | 65°21.0'N | 00±15.0'W | X | | X | | X | | X | KNL |
| 73 | 24 Aug 66 | 64°00.0'N | 008°00.0'W | X | | X | | X | | X | CSP |
| 74 | 24 Aug 66 | 63°12.0'N | 006°57.0'W | X | | X | | X | | X | KNL |
| 75 | 24 Aug 66 | 62°32.0'N | 007°16.8'W | X | | X | | X | | X | RSE |
| 77 | 21 Aug 66 | 67°37.0'N | 006°52.6'W | X | | X | | X | | X | RSE |
| 78 | 19 Sep 66 | 68°43.8'N | 006°25.2'W | X | | X | | X | | X | RSE |
| 81 | 18 Sep 66 | 67°21.5'N | 008°51.0'W | X | | X | | X | | X | BAS |
| 83 | 16 Sep 66 | 70°10.2'N | 006°30.0'W | X | | X | | X | | X | RSE |
| 84 | 14 Aug 66 | 71°10.2'N | 007°21.0'W | X | | X | | X | | X | RDG |
| 87 | 14 Aug 66 | 71°-3.0'N | 007°10.2'W | X | | X | | X | | X | RSE |
| 88 | 15 Aug 66 | 71°0.0'N | 008°51.0'W | X | | X | | X | | X | RSE |
| 89 | 16 Aug 66 | 72°0.0'N | 010°19.8'W | X | | X | | X | | X | RSE |

Data reported in minutes.

6 6 4 4 6

1 1 1 1 1

2 2 2 2 2

5 5 5 5 5

STATION DATA SP-95-1
Contractor: Texas Instruments, Incorporated

Data reported in volumes

STATION DATA
Contractor: Texas Instruments, Incorporated
S-95-2

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS | |
|------|-----------|-----------|------------|-------------|-------------|------|---------------|----------|----------|-------------------|-------------|-----|
| 1 | 27 Jul 67 | 54°28.9'N | 013°15.0'W | X | X | X | X | X | X | X | X | ABP |
| 2 | 27 Jul 67 | 55°26.0'N | 012°50.0'W | X | | | X | X | X | X | X | ABP |
| 3 | 28 Jul 67 | 55°42.9'N | 011°00.0'W | X | | | X | X | X | X | X | RSE |
| 4 | 29 Jul 67 | 56°52.0'N | 011°50.0'W | X | | | X | X | X | X | X | RSE |
| 5 | 30 Jul 67 | 58°19.0'N | 010°48.0'W | X | | | X | X | X | X | X | RSE |
| 6 | 31 Jul 67 | 59°23.0'N | 012°20.0'W | X | | | X | X | X | X | X | RSE |
| 7 | 1 Aug 67 | 60°00.0'N | 015°00.0'W | X | | | X | X | X | X | X | RSE |
| 8 | 2 Aug 67 | 61°17.0'N | 015°57.0'W | X | | | X | X | X | X | X | RSE |
| 9 | 3 Aug 67 | 62°17.0'N | 016°33.5'W | X | | | X | X | X | X | X | RSE |
| 10 | 4 Aug 67 | 62°01.5'N | 018°57.0'W | X | | | X | X | X | X | X | RSE |
| 11 | 4 Aug 67 | 51°08.0'N | 017°50.0'W | X | | | X | X | X | X | X | RSE |
| 12 | 5 Aug 67 | 60°06.5'N | 017°38.0'W | X | | | X | X | X | X | X | RSE |
| 13 | 6 Aug 67 | 59°42.0'N | 019°38.0'W | X | | | X | X | X | X | X | RSE |
| 14 | 6 Aug 67 | 60°04.5'N | 021°23.0'W | X | | | X | X | X | X | X | LST |
| 15 | 7 Aug 67 | 61°04.0'N | 021°06.0'W | X | | | X | X | X | X | X | RSE |
| 16 | 7 Aug 67 | 60°30.0'N | 022°50.0'W | X | | | X | X | X | X | X | LST |
| 17 | 8 Aug 67 | 59°59.0'N | 024°58.0'W | X | | | X | X | X | X | X | MST |
| 18 | 9 Aug 67 | 59°13.2'N | 023°43.0'W | X | | | X | X | X | X | X | LST |
| 19 | 9 Aug 67 | 58°33.8'N | 022°45.0'W | X | | | X | X | X | X | X | LST |
| 20 | 10 Aug 67 | 57°56.0'N | 022°11.0'W | X | | | X | X | X | X | X | ABP |
| 21 | 10 Aug 67 | 57°15.1'N | 021°34.0'W | X | | | X | X | X | X | X | RSE |
| 22 | 11 Aug 67 | 56°22.0'N | 019°58.0'W | X | | | X | X | X | X | X | PLT |
| 23 | 12 Aug 67 | 53°39.0'N | 017°10.0'W | X | | | X | X | X | X | X | RSE |
| 24 | 13 Aug 67 | 53°52.0'N | 015°11.6'W | X | | | X | X | X | X | X | RSE |
| 25 | 28 Jun 67 | 49°39.0'N | 014°47.0'W | X | | | X | X | X | X | X | RSE |

Data reported in volumes

6

6 6 4

1 1 5

STATION DATA SP-15-2
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANISN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | B/T PHC" | ACOUSTIC PROP/BOT | PHYSIO LOSS | PHYSIO PROV |
|------|-----------|-----------|------------|----------------|-----------------|------|---------------------|-------------|-------------|----------------------|----------------|----------------|
| 26 | 29 Jun 67 | 49°08.0'N | 016°18.0'W | X | | | | | X | X | | ABP |
| 27 | 30 Jun 67 | 49°54.0'N | 017°10.0'W | X | | | | | X | X | | ABP |
| 28 | 1 Jul 67 | 50°40.0'N | 017°27.0'W | X | | | | | X | X | | ABP |
| 29 | 2 Jul 67 | 51°18.0'N | 018°47.0'W | X | | | | | X | X | | RSE |
| 30 | 14 Aug 67 | 51°58.5'N | 017°35.7'W | X | | | | | X | X | | RSE |
| 31 | 13 Aug 67 | 52°48.2'N | 018°10.0'W | X | | | | | X | X | | RSE |
| 32 | 24 Aug 67 | 54°55.0'N | 022°29.0'W | X | | | | | X | X | | RSE |
| 33 | 24 Aug 67 | 55°51.0'N | 023°15.5'W | X | | | | | X | X | | RSE |
| 34 | 25 Aug 67 | 57°12.5'N | 023°30.0'W | X | | | | | X | X | | ABP |
| 35 | 26 Aug 67 | 57°43.5'N | 024°40.0'W | X | | | | | X | X | | LST |
| 36 | 27 Aug 67 | 58°32.0'N | 026°01.5'W | X | | | | | X | X | | LST |
| 37 | 27 Aug 67 | 59°15.0'N | 027°20.8'W | X | | | | | X | X | | MST |
| 38 | 28 Aug 67 | 58°02.0'N | 027°26.0'W | X | | | | | X | X | | LST |
| 39 | 29 Aug 67 | 57°00.0'N | 027°29.2'W | X | | | | | X | X | | LST |
| 40 | 29 Aug 67 | 56°23.5'N | 026°03.5'W | X | | | | | X | X | | LST |
| 41 | 30 Aug 67 | 55°17.3'N | 026°06.2'W | X | | | | | X | X | | RSE |
| 42 | 31 Aug 67 | 55°31.5'N | 027°33.5'W | X | | | | | X | X | | RSE |
| 43 | 31 Aug 67 | 54°40.0'N | 029°08.0'W | X | | | | | X | X | | RSE |
| 44 | 1 Sep 67 | 53°16.4'N | 028°32.2'W | X | | | | | X | X | | RSE |
| 45 | 2 Sep 67 | 53°23.6'N | 026°30.0'W | X | | | | | X | X | | RSE |
| 46 | 3 Sep 67 | 54°25.0'N | 024°26.0'W | X | | | | | X | X | | RSE |
| 47 | 4 Sep 67 | 53°40.0'N | 023°11.0'W | X | | | | | X | X | | RSE |
| 48 | 5 Sep 67 | 52°37.2'N | 022°20.0'W | X | | | | | X | X | | ABP |
| 49 | 3 Jul 67 | 51°28.0'N | 020°50.0'W | X | | | | | X | X | | TGH |
| 50 | 2 Jul 67 | 50°27.0'N | 019°12.0'W | X | | | | | X | X | | RSE |

Data reported in volumes

6 6 6 4 4 6 1 2

1 1 5

STATION DATA SP-95-2
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 51 | 4 Jul 67 | 49°30.0'N | 018°07.0'W | X | | | | | | X | |
| 52 | 4 Jul 67 | 49°38.0'N | 019°21.0'W | X | | | | | | X | |
| 53 | 6 Sep 67 | 50°30.4'N | 021°47.3'W | X | | | | | | X | |
| 54 | 7 Sep 67 | 51°36.0'N | 023°27.0'W | X | | | | | | X | |
| 55 | 7 Sep 67 | 52°22.8'N | 024°23.0'W | X | | | | | | X | |
| 56 | 8 Sep 67 | 52°20.0'N | 026°21.5'W | X | | | | | | X | |
| 57 | 9 Sep 67 | 52°19.5'N | 028°15.0'W | X | | | | | | X | |
| 58 | 10 Sep 67 | 51°13.0'N | 029°14.2'W | X | | | | | | X | |
| 59 | 10 Sep 67 | 50°38.0'N | 027°46.0'W | X | | | | | | X | |
| 60 | 11 Sep 67 | 51°30.0'N | 025°04.2'W | X | | | | | | X | |
| 61 | 3 Oct 67 | 50°48.0'N | 024°17.0'W | X | | | | | | X | |
| 62 | 3 Oct 67 | 50°30.2'N | 026°02.0'W | X | | | | | | X | |
| 63 | 1 Oct 67 | 49°29.0'N | 026°53.0'W | X | | | | | | X | |
| 64 | 30 Sep 67 | 48°34.1'N | 025°55.0'W | X | | | | | | X | |
| 65 | 29 Sep 67 | 49°05.0'N | 024°51.0'W | X | | | | | | X | |
| 66 | 28 Sep 67 | 49°33.0'N | 023°24.2'W | X | | | | | | X | |
| 67 | 26 Sep 67 | 48°44.5'N | 022°35.0'W | X | | | | | | X | |
| 68 | 25 Sep 67 | 49°17.8'N | 021°22.8'W | X | | | | | | X | |
| 69 | 24 Sep 67 | 48°13.0'N | 019°19.8'W | X | | | | | | X | |
| 70 | 23 Sep 67 | 48°26.0'N | 017°46.5'W | X | | | | | | X | |
| 71 | 27 Jun 67 | 48°16.0'N | 015°45.0'W | X | | | | | | X | |
| 72 | 26 Jun 67 | 48°32.0'N | 013°52.0'W | X | | | | | | X | |
| 73 | 25 Jun 67 | 48°34.0'N | 011°36.0'W | X | | | | | | X | |

Data reported in volumes

15
12
8
4
4
6

STATION DATA SP-95-3
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|--------|-----------|------------|----------------|----------------|------|-------------|-------------|-------------|----------------------|----------------|
| 1 | Oct 67 | 44°50.0'N | 007°32.0'W | X | X | X | X | X | X | X | ABP |
| 2 | Oct 67 | 45°00.0'N | 004°02.5'W | X | X | X | X | X | X | X | RSE |
| 3 | Oct 67 | 45°52.0'N | 005°14.0'W | X | X | X | X | X | X | X | RSE |
| 4 | Oct 67 | 45°24.8'N | 006°25.0'W | X | X | X | X | X | X | X | ABP |
| 5 | Oct 67 | 46°30.5'N | 007°17.8'W | X | X | X | X | X | X | X | RSE |
| 6 | Oct 67 | 46°03.0'N | 008°49.0'W | X | X | X | X | X | X | X | ABP |
| 7 | Oct 67 | 46°53.0'N | 009°50.0'W | X | X | X | X | X | X | X | RSE |
| 8 | Oct 67 | 46°30.0'N | 012°22.0'W | X | X | X | X | X | X | X | SMT |
| 9 | Oct 67 | 47°10.0'N | 012°17.0'W | X | X | X | X | X | X | X | ABP |
| 10 | Oct 67 | 47°16.0'N | 013°49.0'W | X | X | X | X | X | X | X | ABP |
| 11 | Oct 67 | 46°48.5'N | 015°47.0'W | X | X | X | X | X | X | X | LST |
| 12 | Oct 67 | 46°52.0'N | 017°17.0'W | X | X | X | X | X | X | X | LST |
| 13 | Oct 67 | 47°01.6'N | 019°24.0'W | X | X | X | X | X | X | X | LST |
| 14 | Oct 67 | 47°02.0'N | 020°56.0'W | X | X | X | X | X | X | X | LST |
| 15 | Dec 67 | 46°15.0'N | 023°19.0'W | X | X | X | X | X | X | X | UST |
| 16 | Dec 67 | 46°44.0'N | 025°18.2'W | X | X | X | X | X | X | X | PLT |
| 17 | Dec 67 | 46°12.0'N | 026°38.0'W | X | X | X | X | X | X | X | PLT |
| 18 | Dec 67 | 44°11.0'N | 026°34.0'W | X | X | X | X | X | X | X | PLT |
| 19 | Dec 67 | 44°19.0'N | 021°50.0'W | X | X | X | X | X | X | X | RNT |
| 20 | Dec 67 | 43°42.5'N | 027°07.8'W | X | X | X | X | X | X | X | PLT |
| 21 | Dec 67 | 42°43.8'N | 021°05.7'W | X | X | X | X | X | X | X | PLT |
| 22 | Dec 67 | 41°34.2'N | 029°05.0'W | X | X | X | X | X | X | X | RNT |
| 23 | Dec 67 | 39°35.8'N | 028°08.0'W | X | X | X | X | X | X | X | PLT |
| 24 | Dec 67 | 39°39.6'N | 023°05.0'W | X | X | X | X | X | X | X | MST |
| 25 | Dec 67 | 39°56.0'N | 024°24.8'W | X | X | X | X | X | X | X | UST |

Data reported in volumes

6 6 6 4 4 6 1 2

1 1 5

STATION DATA SP-95-3
Contractor: Texas Instruments, Incorporated

Contractor: Texas Instruments, Incorporated

Data reported in volumes

STATION DATA SP-95-3
Contractor: Texas Instruments, Incorporated

Data reported in volumes

STATION DATA SP-95-7/4
Contractor: Texas Instruments, Incorporated

Contractor: Texas Instruments, Incorporated
Date: 10-25-74

| DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT PHOT | ACOUSTIC PROP/BOT LOSS | PHYSIO PROV | |
|-----------|------------|-------------|----------------|----------------|------|---------------------|---------------------|------------------------------|----------------|--|
| 19 Jul 68 | 42°34.2' N | 045°57.1' W | X | | | X | X | X | RSE | |
| 20 Jul 68 | 41°52.1' N | 043°59.8' W | X | | | X | X | X | RSE | |
| 22 Jul 68 | 42°29.2' N | 042°04.2' W | X | | | X | X | X | RSF | |
| 22 Jul 68 | 41°38.5' N | 040°31.0' W | X | | | X | X | X | ABH | |
| 1 Aug 68 | 42°52.0' N | 039°07.6' W | X | | | X | X | X | ABH | |
| 23 Jul 68 | 41°29.0' N | 038°40.0' W | X | | | X | X | X | LST | |
| 24 Jul 68 | 40°52.7' N | 036°45.7' W | X | | | X | X | X | LST | |
| 25 Jul 68 | 41°18.5' N | 035°05.1' W | X | | | X | X | X | MST | |
| 26 Jul 68 | 39°48.3' N | 034°20.7' W | X | | | X | X | X | UST | |
| 27 Jul 68 | 40°58.6' N | 033°02.0' W | X | | | X | X | X | UST | |
| 27 Jul 68 | 40°24.1' N | 031°33.5' W | X | | | X | X | X | PLT | |
| 28 Jul 68 | 41°10.9' N | 030°38.7' W | X | | | X | X | X | PLT | |
| 29 Jul 68 | 42°14.0' N | 031°42.0' W | X | | | X | X | X | UST | |
| 30 Jul 68 | 42°27.9' N | 033°17.9' W | X | | | X | X | X | MST | |
| 30 Jul 68 | 42°45.0' N | 034°46.5' W | X | | | X | X | X | MST | |
| 31 Jul 68 | 42°45.0' N | 037°05.2' W | X | | | X | X | X | LST | |
| 27 Jun 68 | 43°46.0' N | 037°28.0' W | X | | | X | X | X | LST | |
| 2 Aug 68 | 43°16.4' N | 040°19.0' W | X | | | X | X | X | RSE | |
| 3 Aug 68 | 43°55.8' N | 042°01.0' W | X | | | X | X | X | RSE | |
| 21 Jul 68 | 43°01.5' N | 043°31.0' W | X | | | X | X | X | RSE | |
| 6 Aug 68 | 43°50.3' N | 046°25.8' W | X | | | X | X | X | SMT | |
| 7 Aug 68 | 44°35.0' N | 047°35.2' W | X | | | X | X | X | RSE | |
| 4 Jul 68 | 45°31.1' N | 047°21.4' W | X | | | X | X | X | RSE | |
| 3 Jul 68 | 45°22.2' N | 045°57.0' W | X | | | X | X | X | RSE | |
| 5 Aug 68 | 44°41.6' N | 044°46.5' W | X | | | X | X | X | RSE | |

Data reported in volumes

4
4
6
6
10

45

42

STATION DATA SP-5-7/4
Contractor: Texas Instruments, Incorporated

SP-5-714

Contractor: Texas Instruments. Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO PROV |
|------|--------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 29 | 4 Aug | 44°33.9'N | 043°27.3'W | X | X | X | | | | X | RSE |
| 30 | 2 Jul | 45°16.8'N | 042°24.1'W | X | X | X | | | | X | RSE |
| 31 | 1 Jul | 44°47.2'N | 041°07.4'W | X | X | X | | | | X | SMT |
| 32 | 30 Jun | 44°31.3'N | 039°12.9'W | X | | | | | | X | LST |
| 33 | 28 Jun | 44°27.5'N | 036°29.5'W | X | | | | | | X | LST |
| 34 | 26 Apr | 43°42.4'N | 034°29.8'W | X | | | | | | X | MST |
| 35 | 25 Jun | 44°27.2'N | 033°26.8'W | X | | | | | | X | MST |
| 36 | 24 Jun | 43°25.0'N | 031°56.2'W | X | | | | | | X | UST |
| 37 | 23 Jun | 44°30.2'N | 031°06.2'W | X | | | | | | X | UST |
| 38 | 22 Jun | 45°20.0'N | 029°15.0'W | X | | | | | | X | PLT |
| 42 | 21 Jun | 45°31.2'N | 030°48.2'W | X | | | | | | X | UST |
| 43 | 20 Jun | 45°12.7'N | 032°40.0'W | X | | | | | | X | MST |
| 44 | 19 Jun | 45°16.8'N | 034°49.2'W | X | | | | | | X | LST |
| 45 | 29 Jun | 45°07.0'N | 037°10.0'W | X | | | | | | X | LST |
| 46 | 15 Jun | 46°03.6'N | 039°46.4'W | X | | | | | | X | RSE |
| 47 | 15 Jun | 46°25.5'N | 041°36.2'W | X | | | | | | X | RSE |
| 48 | 14 Jun | 46°43.4'N | 043°17.4'W | X | | | | | | X | RSE |
| 49 | 3 Jul | 46°01.1'N | 044°20.1'W | X | | | | | | X | RSE |
| 53 | 17 Jun | 47°02.5'N | 039°23.6'W | X | | | | | | X | RSE |
| 54 | 17 Jun | 47°02.5'N | 037°35.8'W | X | | | | | | X | ABH |
| 55 | 18 Jun | 46°07.2'N | 036°40.0'W | X | | | | | | X | LST |
| 56 | 18 Jun | 46°38.2'N | 035°00.5'W | X | | | | | | X | LST |

Data reported in volumes

STATION DATA SP-95-5
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|------------|-------------|----------------|----------------|-------------|---------------------|-------------|-------------|----------------------|----------------|
| 1 | 29 May 66 | 32° 00.0'N | 015° 00.0'W | X | | | | | | X | ABP |
| 2 | 6 Dec 66 | 32° 01.8'N | 014° 58.2'W | X | | | | | | X | ABP |
| 3 | 28 May 66 | 32° 49.6'N | 014° 00.0'W | X | | | | | | X | RSE |
| 4 | 4 May 66 | 34° 24.6'N | 013° 00.0'W | X | | | | | | X | RSE |
| 5 | 27 May 66 | 32° 19.8'N | 011° 45.0'W | X | | | | | | X | RSE |
| 6 | 5 Dec 66 | 32° 19.2'N | 011° 46.8'W | X | | | | | | X | RSE |
| 7 | 24 May 66 | 33° 30.0'N | 010° 04.8'W | X | | | | | | X | ABP |
| 8 | 4 Dec 66 | 33° 48.8'N | 010° 06.0'W | X | | | | | | X | ABP |
| 9 | 12 May 66 | 34° 46.2'N | 009° 45.0'W | X | | | | | | X | ABP |
| 10 | 1 May 66 | 34° 56.2'N | 008° 49.8'W | X | | | | | | X | CSP |
| 11 | 2 May 66 | 35° 41.8'N | 009° 02.0'W | X | | | | | | X | CSP |
| 12 | 21 May 66 | 36° 04.8'N | 009° 45.0'W | X | | | | | | X | RSE |
| 13 | 10 May 66 | 36° 04.8'N | 010° 35.0'W | X | | | | | | X | ABP |
| 14 | 20 May 66 | 35° 40.2'N | 011° 40.2'W | X | | | | | | X | ABP |
| 15 | 2 Dec 66 | 35° 35.4'N | 011° 40.8'W | X | | | | | | X | ABP |
| 16 | 24 May 66 | 34° 46.7'N | 010° 55.2'W | X | | | | | | X | ABP |
| 17 | 25 May 66 | 34° 22.3'N | 011° 40.2'W | X | | | | | | X | ABP |
| 18 | 3 Dec 66 | 34° 18.0'N | 010° 47.4'W | X | | | | | | X | ABP |
| 19 | 25 May 66 | 33° 55.2'N | 012° 58.2'W | X | | | | | | X | ABP |
| 20 | 26 May 66 | 33° 34.8'N | 011° 25.2'W | X | | | | | | X | RSE |
| 21 | 26 May 66 | 33° 15.0'N | 012° 34.8'W | X | | | | | | X | RSE |
| 22 | 29 May 66 | 33° 30.0'N | 013° 30.0'W | X | | | | | | X | ABP |
| 23 | 20 May 66 | 34° 19.8'N | 013° 40.0'W | X | | | | | | X | RSE |
| 24 | 3 Jun 66 | 33° 34.8'N | 013° 30.0'W | X | | | | | | X | RSE |
| 25 | 1 Jun 66 | 33° 15.0'N | 013° 19.8'W | X | | | | | | X | HII. |

Data reported in columns

6

6

2

1

5

STATION DATA
SP-95-5
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 21 | 7 Dec 66 | 33°22.2'N | 015°28.2'W | | | | | X | | X | HIL |
| 22 | 1 Jun 66 | 33°49.8'N | 017°15.0'W | X | X | | | X | X | X | RSE |
| 22 | 8 Dec 66 | 33°49.8'N | 017°15.0'W | | | | | X | X | X | RSE |
| 23 | 2 Jun 66 | 33°54.0'N | 018°31.8'W | X | | | | X | X | X | RSE |
| 24 | 2 Jun 66 | 35°00.0'N | 018°00.0'W | X | | | | X | X | X | RSE |
| 25 | 3 Jun 66 | 35°37.8'N | 017°15.0'W | X | | | | X | X | X | RSE |
| 26 | 9 Jun 66 | 36°30.0'N | 018°30.0'W | X | | | | X | X | X | ABP |
| 27 | 10 Jun 66 | 36°42.0'N | 017°30.0'W | X | | | | X | X | X | BAS |
| 27 | 15 Dec 66 | 36°40.2'N | 017°36.0'W | | | | | X | X | X | BAS |
| 28 | 10 Jun 66 | 36°30.0'N | 015°55.2'W | X | | | | X | X | X | RSE |
| 29 | 19 May 66 | 36°15.0'N | 013°30.0'W | X | | | | X | X | X | RSE |
| 29 | 2 Dec 66 | 36°07.8'N | 013°18.0'W | X | | | | X | X | X | RSE |
| 30 | 19 May 66 | 37°13.8'N | 014°25.2'W | X | | | | X | X | X | SMT |
| 30 | 1 Dec 66 | 35°45.0'N | 013°49.8'W | X | | | | X | X | X | SMT |
| 31 | 20 May 66 | 35°51.0'N | 012°49.8'W | X | | | | X | X | X | ABP |
| 32 | 18 May 66 | 37°19.8'N | 012°30.0'W | | | | | X | X | X | ABP |
| 33 | 22 Dec 66 | 37°14.4'N | 011°10.8'W | | | | | X | X | X | ABP |
| 33 | 3 Jan 67 | 37°14.4'N | 011°10.8'W | | | | | X | X | X | ABP |
| 34 | 17 May 66 | 37°51.0'N | 011°55.2'W | X | | | | X | X | X | ABP |
| 35 | 17 May 66 | 38°06.0'N | 011°04.8'W | X | | | | X | X | X | RS? |
| 35 | 22 Dec 66 | 37°31.8'N | 010°34.2'W | X | | | | X | X | X | RSE |
| 36 | 10 Feb 66 | 38°22.2'N | 011°45.0'W | | X | | | X | X | X | RSE |
| 37 | 12 Jun 66 | 38°15.0'N | 012°34.8'W | X | | | | X | X | X | RSE |
| 37 | 21 Dec 66 | 38°09.0'N | 012°21.0'W | | | | | X | X | X | RSE |
| 38 | 12 Feb 66 | 38°25.2'N | 014°37.2'W | | | | | | | X | ABH |

Data reported in volumes

6 6 6 4 4 6 1 1
2 5

STATION DATA SP-95-5
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 38 | 20 Dec 66 | 38°15.6'N | 014°12.6'W | X | | | | X | X | X | ABH |
| 39 | 13 Feb 66 | 38°40.2'N | 016°40.2'W | | | | | X | X | X | ABH |
| 39 | 18 Dec 66 | 38°39.6'N | 016°36.6'W | | | | | X | X | X | ABH |
| 40 | 14 Feb 66 | 38°49.8'N | 018°10.8'W | | | | | X | X | X | ABH |
| 40 | 17 nec 66 | 38°53.4'N | 018°09.0'W | X | | | | X | X | X | MST |
| 41 | 15 Feb 66 | 39°19.8'N | 01°15.0'W | | | | | | | X | MST |
| 42 | 16 Feb 66 | 39°10.8'N | 022°29.0'W | | | | | | | X | MST |
| 43 | 6 Jun 66 | 38°45.0'N | 022°49.8'W | X | | | | X | X | X | MST |
| 44 | 17 Feb 66 | 39°25.2'N | 023°45.0'W | | | | | X | X | X | MST |
| 45 | 6 Jun 66 | 38°52.8'N | 024°22.2'W | X | | | | X | X | X | HIL |
| 46 | 18 Feb 66 | 39°19.8'N | 026°10.2'W | X | | | | | | X | RSE |
| 47 | 5 Jun 66 | 38°40.2'N | 025°10.2'W | X | | | | X | X | X | RSE |
| 48 | 7 Jun 66 | 38°25.2'N | 021°40.8'W | X | | | | X | X | X | MST |
| 51 | 13 Dec 66 | 36°40.8'N | 023°55.8'W | | | | | X | X | X | SMT |
| 52 | 25 Feb 66 | 35°13.8'N | 025°04.8'W | | | | | | | X | LST |
| 52 | 12 Dec 66 | 35°14.4'N | 025°04.8'W | | | | | | | X | LST |
| 53 | 20 Mar 66 | 35°27.0'N | 023°49.8'W | | | | | | | X | ABH |
| 54 | 20 Mar 66 | 35°45.0'N | 023°55.2'W | | | | | | | X | ABH |
| 55 | 18 Mar 66 | 35°00.0'N | 021°49.8'W | X | | | | | | X | ABH |
| 57 | 4 Jun 66 | 37°00.0'N | 021°30.0'W | X | | | | X | X | X | SMT |
| 57 | 14 Dec 66 | 37°03.0'N | 021°21.6'W | X | | | | X | X | X | SMT |
| 60 | 14 Dec 66 | 36°16.2'N | 019°34.2'W | X | | | | X | X | X | BAS |
| 65 | 19 Mar 66 | 33°57.0'N | 022°49.8'W | | | | | | | X | ABP |
| 65 | 9 Dec 66 | 33°54.6'N | 022°49.2'W | | | | | X | X | X | ABP |
| 66 | 17 Mar 66 | 33°13.2'N | 022°12.0'W | X | | | | | | X | BAS |

Date reported in volumes

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 6 | 6 | 6 | 4 | 4 | 6 | 1 | 2 |
|---|---|---|---|---|---|---|---|

1

5

STATION DATA
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT /VOL | BOT FILT | ACOUSTIC PROP/BOT LOSS | PHYSIO PROV |
|------|-----------|-----------|------------|----------------|----------------|-------------|---------------------|-------------|------------------------------|----------------|
| 13 | 25 Dec 65 | 34°24.0'N | 011°40.2'W | X | | | | | | ABP |
| 19 | 30 May 66 | 34°40.2'N | 015°19.8'W | X | | | | | X | RSE |
| 20 | 10 Jan 66 | 34°01.2'N | 015°42.0'W | X | | | | | X | RSE |
| 79 | 24 Apr 66 | 35°49.8'N | 027°40.2'W | X | | | | | X | SMT |
| 83 | 9 Apr 66 | 35°03.0'N | 029°00.0'W | X | | | | | X | BAS |
| 85 | 11 Apr 66 | 32°01.2'N | 030°25.2'W | X | | | | | X | MST |
| 87 | 13 Apr 66 | 33°00.0'N | 031°04.8'W | X | | | | | X | UST |
| 88 | 14 Apr 66 | 33°34.8'N | 035°00.0'W | X | | | | | X | PLT |
| 89 | 16 Apr 66 | 34°22.6'N | 031°57.0'W | X | | | | | X | PLT |
| 94 | 19 Apr 66 | 37°15.0'N | 027°40.2'W | X | | | | | X | SMT |
| 95 | 19 Apr 66 | 37°34.8'N | 027°10.2'W | X | | | | | X | TER |
| 99 | 6 Jun 66 | 38°03.0'N | 015°49.8'W | X | | | | | X | ABH |
| 22 | 12 Jan 66 | 33°55.8'N | 017°07.2'W | X | | | | | X | RSE |
| 23 | 13 Jan 66 | 33°55.2'N | 018°12.6'W | X | | | | | X | RSE |
| 24 | 14 Jan 66 | 35°00.0'N | 018°00.0'W | X | | | | | X | RSE |
| 25 | 14 Jan 66 | 35°37.8'N | 017°15.0'W | X | | | | | X | RSE |
| 26 | 15 Jan 66 | 36°37.8'N | 018°30.0'W | X | | | | | X | ABP |
| 27 | 15 Jan 66 | 36°42.0'N | 017°30.0'W | X | | | | | X | BAC |
| 28 | 16 Jan 66 | 36°25.8'N | 015°51.6'W | X | | | | | X | RSE |
| 29 | 13 Jan 66 | 36°15.0'N | 013°27.0'W | X | | | | | X | RSE |
| 30 | 17 Jan 66 | 37°20.4'N | 014°27.0'W | X | | | | | X | SMT |
| 31 | 18 Jan 66 | 35°51.0'N | 012°49.8'W | X | | | | | X | ABP |
| 32 | 19 Jan 66 | 37°19.8'N | 012°30.0'W | X | | | | | X | ABP |
| 33 | 20 Jan 66 | 37°19.8'N | 011°30.0'W | X | | | | | X | ABP |

Date reported in volumes

6 6 6

4 4

1 5

STATION DATA SP-95-5
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS PROV |
|------|-----------|-----------|------------|-------------|-------------|------|---------------|----------|----------|-------------------|------------------|
| 34 | 20 Jan 66 | 37°49.8'N | 011°55.2'W | | X | | | | | | |
| 49 | 22 Mar 66 | 38°00.0'N | 022°00.0'W | | X | | | | | | |
| 51 | 23 Mar 66 | 37°00.0'N | 024°00.0'W | | X | | | | | | |
| 53 | 20 Mar 66 | 35°00.0'N | 024°00.0'W | | X | | | | | | |
| 57 | 23 Mar 66 | 37°00.0'N | 022°00.0'W | | X | | | | | | |
| 58 | 23 Mar 66 | 37°36.0'N | 021°18.0'W | | X | | | | | | |
| 59 | 24 Mar 66 | 36°24.0'N | 020°36.0'W | | X | | | | | | |
| 61 | 26 Mar 66 | 36°00.0'N | 020°00.0'W | | X | | | | | | |
| 62 | 27 Mar 66 | 35°00.0'N | 020°00.0'W | | X | | | | | | |
| 63 | 28 Mar 66 | 35°00.0'N | 021°00.0'W | | X | | | | | | |
| 67 | 9 Mar 66 | 32°34.2'N | 021°46.2'W | | X | | | | | | |
| 71 | 11 Mar 66 | 32°00.0'N | 024°07.2'W | | X | | | | | | |
| 79 | 23 Apr 66 | 35°49.8'N | 027°19.8'W | | X | | | | | | |
| 96 | 22 Feb 66 | 35°1C.4'N | 026°30.0'W | | X | | | | | | |
| 54 | 10 Dec 66 | 34°39.0'N | 026°27.0'W | | X | | | | | | |

Data reported in volumes

1 5

6 6 4 4 6

Contractor: Texas Instruments Incorporated **STATION DATA** SP-95-5

Contractor: Texas Instruments. Incorporated
STATION DATA SP-95-3

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|----------------------|----------------|
| 66 | 9 Dec 66 | 33°13.2'N | 022°12.6'W | X | | X | | | X | |
| 68 | 8 Mar 66 | 32°55.2'N | 020°15.0'W | | | X | | | X | RSE |
| 69 | 7 Mar 66 | 32°19.2'N | 018°45.0'W | | | X | | | X | RSF |
| 70 | 11 Mar 66 | 32°18.0'N | 022°49.8'W | | | X | | | X | BAS |
| 73 | 15 Mar 66 | 33°37.2'N | 023°51.0'W | | | X | | | X | ABP |
| 74 | 15 Mar 66 | 33°25.2'N | 024°55.2'W | | | X | | | X | SMT |
| 75 | 13 Mar 66 | 32°30.0'N | 025°36.0'W | | | X | | | X | ABP |
| 76 | 13 Mar 66 | 33°01.8'N | 026°57.0'W | | | X | | | X | RSE |
| 78 | 26 Feb 66 | 34°30.0'N | 026°18.0'W | | | X | | | X | ABH |
| 78 | 11 Dec 66 | 34°32.4'N | 026°10.2'W | | | X | | | X | ABH |
| 80 | 25 Apr 66 | 35°37.8'N | 028°40.2'W | | | X | | | X | UST |
| 81 | 27 Apr 66 | 36°00.0'N | 029°49.8'W | | | X | | | X | UST |
| 82 | 26 Apr 66 | 34°54.6'N | 029°30.0'W | | | X | | | X | UST |
| 84 | 10 Apr 66 | 32°22.2'N | 029°15.0'W | | | X | | | X | TER |
| 86 | 12 Apr 66 | 33°00.0'N | 031°04.8'W | | | X | | | X | UST |
| 90 | 17 Apr 66 | 35°04.8'N | 031°00.0'W | | | X | | | X | UST |
| 91 | 15 Apr 66 | 35°55.2'N | 032°55.0'W | | | X | | | X | PLT |
| 92 | 18 Apr 66 | 36°49.8'N | 030°30.0'W | | | X | | | X | PLT |
| 93 | 27 Apr 66 | 36°25.8'N | 029°00.0'W | | | X | | | X | UST |
| 97 | 8 Jun 66 | 38°15.0'N | 020°00.0'W | | | X | | | X | ABH |
| 98 | 8 Jun 66 | 38°10.8'N | 019°04.8'W | | | X | | | X | RSE |
| 99 | 17 Dec 66 | 38°09.0'N | 019°04.2'W | | | X | | | X | RSE |
| 99 | 11 Jun 66 | 38°06.0'N | 015°57.0'W | | | X | | | X | ABH |
| 99 | 19 Dec 66 | 38°04.8'N | 015°57.6'W | | | X | | | X | ABH |

Data reported in volumes

STATION DATA
Contractor: Texas Instruments, Incorporated

SP-95-6

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 1 | 2 Feb 67 | 34°00.0'N | 034°00.0'E | | | X | | X | | X | |
| 2 | 4 Feb 67 | 33°05.0'N | 031°30.0'E | | | X | | X | | X | |
| 3 | 5 Feb 67 | 34°20.0'N | 031°00.0'E | | | X | | X | | X | |
| 4 | 7 Feb 67 | 35°46.0'N | 031°40.0'E | | | X | | X | | X | |
| 5 | 8 Feb 67 | 36°25.0'N | 028°34.0'E | | | X | | X | | X | |
| 6 | 10 Feb 67 | 34°40.0'N | 028°00.0'E | | | X | | X | | X | |
| 7 | 10 Feb 67 | 34°00.0'N | 029°30.0'E | | | X | | X | | X | |
| 8 | 12 Feb 67 | 32°15.0'N | 029°30.0'E | | | X | | X | | X | |
| 9 | 14 Feb 67 | 33°45.0'N | 027°25.0'E | | | X | | X | | X | |
| 10 | 15 Feb 67 | 32°25.0'N | 027°00.0'E | | | X | | X | | X | |
| 11 | 16 Feb 67 | 33°30.0'N | 024°15.0'E | | | X | | X | | X | |
| 12 | 19 Feb 67 | 34°32.0'N | 026°10.0'E | | | X | | X | | X | |
| 13 | 20 Feb 67 | 35°47.0'N | 025°21.0'E | | | X | | X | | X | |
| 14 | 21 Feb 67 | 36°32.0'N | 024°28.0'E | | | X | | X | | X | |
| 15 | 17 Mar 67 | 34°12.0'N | 021°30.0'E | | | X | | X | | X | |
| 16 | 17 Mar 67 | 33°09.0'N | 021°16.0'E | | | X | | X | | X | |
| 17 | 15 Mar 67 | 35°20.0'N | 019°43.0'E | | | X | | X | | X | |
| 18 | 14 Mar 67 | 37°50.0'N | 018°59.0'E | | | X | | X | | X | |
| 19 | 13 Mar 67 | 38°40.0'N | 020°10.0'E | | | X | | X | | X | |
| 20 | 7 Mar 67 | 43°06.0'N | 014°51.0'E | | | X | | X | | X | |
| 21 | 11 Mar 67 | 41°51.0'N | 018°30.0'E | | | X | | X | | X | |
| 22 | 5 Mar 67 | 30°46.0'N | 018°09.0'E | | | X | | X | | X | |
| 23 | 24 Mar 67 | 39°56.0'N | 014°07.0'E | | | X | | X | | X | |
| 24 | 23 Mar 67 | 39°00.0'N | 015°16.0'E | | | X | | X | | X | |
| 25 | 4 Mar 67 | 37°32.0'N | 016°16.0'E | | | X | | X | | X | |

Data reported in volumes

6

4

6

1

2

5

STATION DATA SP-95-6
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSEN CASTS | CORE SFC /VOL | RVRB BOT | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|------------|-------------|----------------|-----------------|---------------------|-------------|-------------|-------------|----------------------|----------------|
| 26 | 9 Apr 67 | 33°16.0' N | 015°50.0' E | X | X | X | X | X | X | X | CSP |
| 27 | 8 Apr 67 | 36°16.0' N | 018°35.0' E | X | X | X | X | X | X | X | BAS |
| 28 | 7 Apr 67 | 34°39.0' N | 019°05.0' E | X | X | X | X | X | X | X | RSE |
| 29 | 7 Apr 67 | 33°29.0' N | 019°07.0' E | X | X | X | X | X | X | X | RSE |
| 30 | 20 Apr 67 | 33°14.0' N | 017°35.0' E | X | X | X | X | X | X | X | RSE |
| 31 | 6 Apr 67 | 34°52.0' N | 017°10.0' E | X | X | X | X | X | X | X | RSE |
| 32 | 3 Apr 67 | 36°22.5' N | 011°12.5' E | X | X | X | X | X | X | X | CSF |
| 33 | 1 Apr 67 | 37°20.0' N | 012°38.0' E | X | X | X | X | X | X | X | BDL |
| 34 | 26 Mar 67 | 33°14.0' N | 017°35.0' E | X | X | X | X | X | X | X | SMT |
| 35 | 26 Mar 67 | 39°05.0' N | 011°46.0' E | X | X | X | X | X | X | X | RSE |
| 36 | 24 Mar 67 | 39°15.0' N | 013°25.0' E | X | X | X | X | X | X | X | RSE |
| 37 | 24 Mar 67 | 40°05.0' N | 012°55.0' E | X | X | X | X | X | X | X | ABP |
| 38 | 25 Mar 67 | 40°35.0' N | 011°52.0' E | X | X | X | X | X | X | X | RSE |
| 39 | 11 Apr 67 | 43°34.0' N | 008°20.0' E | X | X | X | X | X | X | X | RSE |
| 40 | 12 Apr 67 | 42°02.0' N | 006°58.0' E | X | X | X | X | X | X | X | ABP |
| 41 | 13 Apr 67 | 42°14.0' N | 004°29.0' E | X | X | X | X | X | X | X | RSE |
| 42 | 13 Apr 67 | 40°52.0' N | 003°26.0' E | X | X | X | X | X | X | X | RSE |
| 43 | 20 Apr 67 | 40°35.0' N | 006°15.0' E | X | X | X | X | X | X | X | ABP |
| 44 | 21 Apr 67 | 38°05.0' N | 006°58.0' E | X | X | X | X | X | X | X | ABP |
| 45 | 22 Apr 67 | 37°36.0' N | 004°44.0' E | X | X | X | X | X | X | X | ABP |
| 46 | 23 Apr 67 | 38°46.0' N | 003°30.0' E | X | X | X | X | X | X | X | RSG |
| 47 | 23 Apr 67 | 37°51.0' N | 002°14.0' E | X | X | X | X | X | X | X | ABP |
| 48 | 24 Apr 67 | 37°05.0' N | 000°14.0' E | X | X | X | X | X | X | X | ABP |
| 49 | 25 Apr 67 | 37°17.0' N | 001°10.0' W | X | X | X | X | X | X | X | RSE |
| 50 | 25 Apr 67 | 36°00.0' N | 001°45.0' W | X | X | X | X | X | X | X | RSE |

Data reported in volumes

6 6 6 4 4 6 1 1
2 5

| STN# | DATE | STATION DATA | | | SP-95-6 | | | | | |
|--------------------------|-----------|--------------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|
| | | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT |
| 51 | 26 Apr 67 | 36°33.0'N | 002°15.0'W | X | X | X | | | | CSP |
| 52 | 27 Apr 67 | 35°39.0'N | 003°05.0'W | X | X | X | | | | CSP |
| Data reported in volumes | | 6 | | 6 | 4 | 4 | | 1 | 1 | X |
| | | | | | | | 2 | 2 | 5 | |

STATION DATA SP-95-7/4
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT LOSS | ABH |
|------|--------|----------|-----------|----------------|----------------|------|---------------------|-------------|-------------|------------------------------|-----|
| 1 | 12 Feb | 68 | 32°48.0'N | 047°05.0'W | X | X | X | X | X | X | MST |
| 2 | 13 Feb | 68 | 32°38.0'N | 044°40.0'W | X | X | X | X | X | X | UST |
| 3 | 14 Feb | 68 | 32°27.2'N | 042°39.2'W | X | X | X | X | X | X | UST |
| 4 | 15 Feb | 68 | 33°34.0'N | 041°39.5'W | X | X | X | X | X | X | RMT |
| 5 | 16 Feb | 68 | 34°25.0'N | 040°34.5'W | X | X | X | X | X | X | RMT |
| 6 | 17 Feb | 68 | 33°49.0'N | 039°20.0'W | X | X | X | X | X | X | RMT |
| 7 | 18 Feb | 68 | 33°59.0'N | 037°26.8'W | X | X | X | X | X | X | PLT |
| 8 | 18 Feb | 68 | 35°25.0'N | 036°49.0'W | X | X | X | X | X | X | PLT |
| 9 | 20 Feb | 68 | 36°35.0'N | 034°50.2'W | X | X | X | X | X | X | PLT |
| 10 | 21 Feb | 68 | 37°50.0'N | 033°42.0'W | X | X | X | X | X | X | PLT |
| 11 | 23 Feb | 68 | 38°44.0'N | 035°01.0'W | X | X | X | X | X | X | UST |
| 12 | 25 Feb | 68 | 37°37.0'N | 035°53.0'W | X | X | X | X | X | X | MST |
| 13 | 19 Feb | 68 | 36°40.0'N | 036°41.0'W | X | X | X | X | X | X | UST |
| 14 | 26 Feb | 68 | 37°43.0'N | 037°29.5'W | X | X | X | X | X | X | MST |
| 15 | 27 Feb | 68 | 37°05.5'N | 038°26.5'W | X | X | X | X | X | X | MST |
| 16 | 28 Feb | 68 | 35°56.5'N | 038°01.5'W | X | X | X | X | X | X | UST |
| 17 | 29 Feb | 68 | 35°00.0'N | 038°38.0'W | X | X | X | X | X | X | UST |
| 18 | 29 Feb | 68 | 36°05.0'N | 039°50.0'W | X | X | X | X | X | X | MST |
| 19 | 1 Mar | 68 | 35°22.5'N | 041°04.8'W | X | X | X | X | X | X | MST |
| 20 | 3 Mar | 68 | 34°53.5'N | 042°57.5'W | X | X | X | X | X | X | MST |
| 21 | 3 Mar | 68 | 33°51.0'N | 043°55.5'W | X | X | X | X | X | X | MST |
| 22 | 4 Mar | 68 | 33°58.6'N | 045°29.5'W | X | X | X | X | X | X | LST |
| 23 | 17 Apr | 68 | 34°48.8'N | 047°18.0'W | X | X | X | X | X | X | ABH |
| 24 | 16 Apr | 68 | 34°09.5'N | 048°38.5'W | X | X | X | X | X | X | ABH |
| 25 | 15 Apr | 68 | 33°31.0'N | 050°26.0'W | X | X | X | X | X | X | ABH |

Data reported in volumes

STATION DATA
Contractor: Texas Instruments, Incorporated

SP-95-7/4

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROF/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 26 | 20 Mar 68 | 35°23.2'N | 050°15.0'W | X | | X | | X | | X | RSE |
| 27 | 21 Mar 68 | 35°51.1'N | 048°58.5'W | X | | X | | X | | X | RSE |
| 28 | 29 Apr 68 | 37°28.2'N | 047°23.8'W | X | | X | | X | | X | ABP |
| 29 | 23 Mar 68 | 37°00.0'N | 045°49.0'W | X | | X | | X | | X | LST |
| 30 | 23 Mar 68 | 35°56.0'N | 046°16.5'W | X | | X | | X | | X | LST |
| 31 | 18 Apr 68 | 34°58.0'N | 045°28.0'W | X | | X | | X | | X | LST |
| 32 | 19 Apr 68 | 35°40.2'N | 044°10.8'W | X | | X | | X | | X | LST |
| 33 | 12 Apr 68 | 36°04.5'N | 042°36.5'W | X | | X | | X | | X | MST |
| 34 | 20 Apr 68 | 37°02.0'N | 042°05.0'W | X | | X | | X | | X | LST |
| 35 | 25 Apr 68 | 38°01.8'N | 040°03.5'W | X | | X | | X | | X | LST |
| 36 | 22 Apr 68 | 38°17.2'N | 038°49.0'W | X | | X | | X | | X | LST |
| 37 | 25 Feb 68 | 38°18.0'N | 036°46.8'W | X | | X | | X | | X | MST |
| 38 | 23 Apr 68 | 39°00.0'N | 037°56.5'W | X | | X | | X | | X | LST |
| 39 | 22 Apr 68 | 39°02.5'N | 039°44.0'W | X | | X | | X | | X | ABH |
| 40 | 31 Mar 68 | 39°35.5'N | 041°15.8'W | X | | X | | X | | X | ABH |
| 41 | 28 Mar 68 | 38°21.5'N | 041°59.0'W | X | | X | | X | | X | ABH |
| 42 | 27 Mar 68 | 37°34.0'N | 043°16.5'W | X | | X | | X | | X | ABH |
| 43 | 26 Mar 68 | 34°53.8'N | 044°37.0'W | X | | X | | X | | X | LST |
| 44 | 25 Mar 68 | 37°53.0'N | 045°23.2'W | X | | X | | X | | X | ABH |
| 45 | 29 Mar 68 | 38°30.5'N | 043°59.0'W | X | | | | | | X | RSE |
| 46 | 28 Apr 68 | 38°58.5'N | 045°50.5'W | X | | | | X | | X | RSE |
| 47 | 29 Apr 68 | 38°13.5'N | 046°57.0'W | X | | X | | X | | X | ABP |
| 48 | 26 May 68 | 39°05.0'N | 047°45.0'W | X | | X | | X | | X | ABP |
| 49 | 30 Apr 68 | 37°47.5'N | 048°15.8'W | X | | X | | X | | X | ABP |
| 50 | 1 May 68 | 37°19.5'N | 050°06.0'W | X | | | | | | | ABP |

Data reported in volumes

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | 6 | 6 | 4 | 4 | 6 | 1 |
| | | | | | 2 | 5 |

STATION DATA SP-95-7/4
Contractor: Texas Instruments, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO FROV |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 51 | 2 May 68 | 36°45.8'N | 051°15.8'W | X | | X | | X | | X | ABH |
| 52 | 23 May 68 | 38°13.2'N | 052°03.5'W | | | X | | X | | X | RSE |
| 53 | 22 May 68 | 38°46.7'N | 053°02.0'W | | | X | | X | | X | ABP |
| 54 | 1 Jun 68 | 40°12.8'N | 052°50.8'W | | | X | | X | | X | ABP |
| 55 | 3 Jun 68 | 41°27.0'N | 053°45.2'W | | | X | | X | | X | RSE |
| 56 | 4 Jun 68 | 42°41.3'N | 054°43.4'W | | | X | | X | | X | RSE |
| 57 | 5 Jun 68 | 44°01.3'N | 054°26.0'W | | | X | | X | | X | RSE |
| 58 | 3 Jun 68 | 42°55.2'N | 052°39.5'W | | | X | | X | | X | RSE |
| 59 | 20 May 68 | 39°05.5'N | 055°22.1'W | | | X | | X | | X | ABP |
| 60 | 2 Jun 68 | 41°16.5'N | 052°11.4'W | | | X | | X | | X | RSE |
| 61 | 21 May 68 | 40°19.5'N | 055°07.3'W | | | X | | X | | X | ABP |
| 62 | 24 May 68 | 38°40.0'N | 050°56.0'W | | | X | | X | | X | ABP |
| 63 | 25 May 68 | 39°28.5'N | 049°39.0'W | | | X | | X | | X | ABP |
| 64 | 31 May 68 | 40°42.5'N | 049°28.3'W | | | X | | X | | X | RSE |
| 65 | 30 May 68 | 41°46.8'N | 040°34.2'W | | | X | | X | | X | RSE |
| 66 | 29 May 68 | 41°16.5'N | 047°41.0'W | | | X | | X | | X | RSE |
| 67 | 27 May 68 | 40°16.8'N | 046°58.0'W | | | X | | X | | X | RSE |
| 68 | 28 May 68 | 40°23.0'N | 045°37.5'W | | | X | | X | | X | RSE |
| 69 | 28 Apr 68 | 41°33.2'N | 045°34.0'W | | | X | | X | | X | RSE |
| 70 | 26 Apr 68 | 40°59.0'N | 043°45.5'W | | | X | | X | | X | RSE |
| 71 | 27 Apr 68 | 39°53.0'N | 044°13.8'W | | | X | | X | | X | RSE |
| 72 | 1 Apr 68 | 39°21.2'N | 042°46.0'W | | | X | | X | | X | RSE |
| 73 | 26 Apr 68 | 40°43.5'N | 042°03.0'W | | | X | | X | | X | RSE |
| 74 | 25 Apr 68 | 40°24.0'N | 040°12.0'W | | | X | | X | | X | ABH |
| 75 | 24 Apr 68 | 40°06.0'N | 038°37.2'W | | | X | | X | | X | ABH |

Data reported in volumes

6 6 6

4 4 6
1 2 5

STATION DATA
Contractor: Texas Instruments, Incorporated
SR-95-7/4

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|--------------------------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 76 | 24 Feb 68 | 39°10.0'N | 036°05.8'W | X | X | X | | | | X | |
| 7 | 22.Feb 68 | 39°23.0'N | 032°28.0'W | X | | X | | | | X | |
| Data reported in volumes | | | | 6 | 6 | 4 | 4 | | 1 | 1 | |
| | | | | | | | | 2 | 2 | 5 | |

MST
PLT

| STN# | DATE | STATION DATA | | SP-96-I | | ACOUSTIC PROP/BOT | PHYSIO PROV. |
|------|-----------|--------------|------------|----------------|----------------|----------------------|-----------------|
| | | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | |
| 1 | 7 Oct 65 | 37°00'0"N | 065°00.0"W | X | X | X | ABP |
| 2 | 7 Oct 65 | 36°45'0"N | 064°17.0"W | X | X | X | ABP |
| 3 | 8 Oct 65 | 38°02.0"N | 063°34.0"W | X | X | X | ABP |
| 4 | 9 Oct 65 | 38°00.0"N | 064°28.0"W | X | X | X | ABP |
| 5 | 10 Oct 65 | 39°00.0"N | 064°39.0"W | X | X | X | ABP |
| 6 | 11 Oct 65 | 39°11.0"N | 062°54.0"W | X | X | X | ABP |
| 7 | 11 Oct 65 | 39°13.0"N | 061°47.0"W | X | X | X | ABP |
| 8 | 12 Oct 65 | 38°56.0"N | 059°19.5"W | X | X | X | ABP |
| 9 | 14 Oct 65 | 39°00.0"N | 058°16.0"W | X | X | X | ABP |
| 10 | 14 Oct 65 | 38°00.0"N | 058°12.0"W | X | X | X | ABP |
| 11 | 15 Oct 65 | 38°00.0"N | 059°18.0"W | X | X | X | ABP |
| 12 | 17 Oct 65 | 36°51.0"N | 059°17.0"W | X | X | X | ABP |
| 13 | 17 Oct 65 | 35°54.0"N | 059°49.0"W | X | X | X | RSE |
| 14 | 18 Oct 65 | 35°00.0"N | 059°15.0"W | X | X | X | RSE |
| 15 | 18 Oct 65 | 35°00.0"N | 060°00.0"W | X | X | X | RSE |
| 16 | 18 Oct 65 | 34°13.0"N | 060°46.0"W | X | X | X | RSE |
| 24 | 30 Oct 65 | 36°00.0"N | 062°17.0"W | X | X | X | RSE |
| 25 | 30 Oct 65 | 36°05.0"N | 063°45.0"W | X | X | X | RSE |
| 26 | 31 Oct 65 | 36°01.0"N | 065°00.0"W | X | X | X | RSE |
| 27 | 5 Nov 65 | 37°02.0"N | 062°57.0"W | X | X | X | ABP |
| 28 | 6 Nov 65 | 36°49.0"N | 061°52.0"W | X | X | X | RSE |
| 29 | 7 Nov 65 | 37°00.0"N | 061°00.0"W | X | X | X | RSE |
| 30 | 9 Nov 65 | 38°00.0"N | 057°04.0"W | X | X | X | RSE |
| 31 | 9 Nov 65 | 38°02.0"N | 056°37.0"W | X | X | X | RSE |
| 32 | 10 Nov 65 | 38°00.0"N | 055°30.0"W | X | X | X | ABP |
| | | 8C | 8 | 8B | 8A | 1 | 1 |
| | | | | | | 2 | 5 |

Data reported in volumes

STATION DATA SP-96-I

Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|-------------|-------------|-------------|----------------------|----------------|
| 33 | 11 Nov 65 | 37°00'0"N | 055°00.0'W | | | | | | X | ABP |
| 34 | 11 Nov 65 | 37°00'0"N | 056°00.0'W | | | | | | X | ABP |
| 35 | 12 Nov 65 | 37°00'0"N | 057°00.0'W | | | | | | X | RSE |
| 36 | 13 Nov 65 | 36°00'0"N | 056°45.0'W | | | | | | X | RSE |
| 37 | 13 Nov 65 | 35°55.0"N | 055°33.0'W | | X | | | | X | ABP |
| 38 | 14 Nov 65 | 34°59.0"N | 055°07.0'W | | X | | | | X | ABP |
| 39 | 14 Nov 65 | 34°59.0"N | 055°59.0'W | | X | | | | X | RSE |
| 40 | 15 Nov 65 | 34°00'0"N | 056°00.0'W | | X | | | | X | ABP |
| 41 | 15 Nov 65 | 34°00.0"N | 057°00.0'W | | X | | | | X | RSE |
| 42 | 16 Nov 65 | 34°00'0"N | 058°00.0'W | | X | | | | X | RSE |
| 43 | 16 Nov 65 | 34°18.0'N | 059°05.0'W | | X | | | | X | RSE |
| 45 | 1 Dec 65 | 34°46.0'N | 053°37.0'W | | X | | | | X | RSE |
| 46 | 2 Dec 65 | 33°42.0'N | 052°45.0'W | | X | | | | X | RSE |
| 47 | 3 Dec 65 | 33°25.0'N | 051°43.0'W | | X | | | | X | RSE |
| 48 | 4 Dec 65 | 34°57.0'N | 052°03.0'W | | X | | | | X | ABP |
| 49 | 4 Dec 65 | 35°00.0'N | 053°02.0'W | | X | | | | X | RSE |
| 50 | 5 Dec 65 | 34°58.0'N | 053°57.0'W | | X | | | | X | RSE |
| 51 | 5 Dec 65 | 35°58.0'N | 054°06.0'W | | X | | | | X | ABP |
| 52 | 15 Dec 65 | 39°50.0'N | 060°57.0'W | | X | | | | X | ABP |
| 53 | 15 Dec 65 | 40°02.0'N | 062°12.0'W | | X | | | | X | ABP |
| 54 | 16 Dec 65 | 40°02.0'N | 063°10.0'W | | X | | | | X | RSE |
| 55 | 17 Dec 65 | 40°02.0'N | 064°11.0'W | | X | | | | X | RSE |
| 57 | 18 May 65 | 34°00.0'N | 064°36.0'W | | X | | | | X | RSE |
| 58 | 18 May 65 | 35°00.0'N | 065°00.0'W | | X | | | | X | RSE |
| 59 | 18 May 65 | 35°00.0'N | 063°35.0'W | | X | | | | X | RSE |

Data reported in volumes

8C 8 8E
8A1 1
2 2
5 5

Contractor: Alpine Geophysical Associates, Incorporated
STATION DATA SP-96-I

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|------|----------|-----------|----------------|----------------|------|-------------|-------------|-------------|----------------------|----------------|
|------|------|----------|-----------|----------------|----------------|------|-------------|-------------|-------------|----------------------|----------------|

Data reported in volumes

8

1

STATION DATA SP-96-I
Contractor: Alpine Geophysical Associates, Incorporated

| STN #: | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|--------|-----------|-----------|----------------|----------------|---------------------|-------------|-------------|----------------------|----------------|
| 85 | 6 Jun 66 | 43°00.0'N | 059°30.0'W | | | X | | | |
| 86 | 6 Jun 66 | 43°00.0'N | 060°05.0'W | | | X | | | |
| 87 | 13 Jun 66 | 41°55.0'N | 063°56.0'W | | | X | | | |
| 88 | 13 Jun 66 | 42°00.0'N | 063°00.0'W | X | | X | | | |
| 89 | 14 Jun 66 | 42°00.0'N | 062°00.0'W | X | | X | | | |
| 90 | 15 Jun 66 | 42°00.0'N | 061°00.0'W | X | | X | | | |
| 91 | 15 Jun 66 | 42°00.0'N | 060°00.0'W | X | | X | | | |
| 92 | 16 Jun 66 | 42°00.0'N | 059°00.0'W | X | | X | | | |
| 93 | 16 Jun 66 | 41°00.0'N | 058°30.0'W | X | | X | | | |
| 94 | 17 Jun 66 | 40°00.0'N | 058°00.0'W | X | | X | | | |
| 95 | 17 Jun 66 | 40°00.0'N | 059°00.0'W | X | | X | | | |
| 96 | 18 Jun 66 | 40°00.0'N | 060°00.0'W | X | | X | | | |
| 97 | 18 Jun 66 | 41°00.0'N | 059°30.0'W | X | | X | | | |
| 98 | 19 Jun 66 | 41°00.0'N | 060°29.0'W | X | | X | | | |
| 99 | 19 Jun 66 | 41°00.0'N | 061°30.0'W | X | | X | | | |
| 100 | 19 Jun 66 | 41°00.0'N | 062°35.0'W | X | | X | | | |
| 101 | 20 Jun 66 | 41°00.0'N | 063°24.0'W | X | | X | | | |
| 102 | 20 Jun 66 | 41°00.0'N | 064°24.0'W | X | | X | | | |
| 103 | 21 Jun 66 | 41°00.0'N | 065°24.0'W | X | | X | | | |
| | | | | | | 8C | 8 | 8B | |
| | | | | | | 8A | | | |
| | | | | | | | | | 1 |
| | | | | | | | | | 2 |
| | | | | | | | | | 5 |

Data reported in volumes

STATION DATA SP-96-II
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL. | RVRE BOT BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO PROV |
|------|-----------|-----------|------------|----------------|----------------|------|----------------------|--------------------|-------------|----------------------|----------------|
| 1 | 8 Feb 66 | 25°39.0'N | 075°48.0'W | X | | | | X | X | X | ABP |
| 2 | 16 Feb 66 | 25°25.0'N | 074°16.0'W | X | | | | X | X | X | ABP |
| 3 | 16 Feb 66 | 25°02.0'N | 073°36.0'W | X | | | | X | X | X | ABP |
| 4 | 17 Feb 66 | 25°17.0'N | 072°45.0'W | X | | | | | | | RDG |
| 5 | 18 Feb 66 | 25°48.0'N | 072°40.0'W | X | | | | | | | RDG |
| 6 | 18 Feb 66 | 25°47.0'N | 072°03.0'W | X | | | | | | | RDG |
| 7 | 19 Feb 66 | 25°17.0'N | 071°00.0'W | X | | | | | | | ABP |
| 8 | 20 Feb 66 | 26°57.0'N | 071°00.0'W | X | | | | | | | ABP |
| 9 | 21 Feb 66 | 27°02.0'N | 072°39.0'W | X | | | | | | | RDG |
| 10 | 21 Feb 66 | 26°52.0'N | 074°03.0'W | X | | | | | | | RDG |
| 11 | 22 Feb 66 | 26°23.0'N | 076°04.0'W | X | | | | | | | ABP |
| 12 | 24 Feb 66 | 27°39.0'N | 076°00.0'W | X | | | | | | | RDG |
| 13 | 24 Feb 66 | 28°25.0'N | 076°00.0'W | Y | | | | | | | RDG |
| 14 | 25 Feb 66 | 28°14.0'N | 075°11.0'W | X | | | | | | | R.C. |
| 15 | 26 Feb 66 | 28°00.0'N | 074°00.0'W | X | | | | | | | RDG |
| 16 | 26 Feb 66 | 27°57.0'N | 072°38.0'W | X | | | | | | | RDG |
| 17 | 27 Feb 66 | 27°50.0'N | 070°41.0'W | X | | | | | | | ABP |
| 18 | 27 Feb 66 | 29°17.0'N | 070°30.0'W | X | | | | | | | ABP |
| 19 | 1 Mar 66 | 28°30.0'N | 072°10.0'W | X | | | | | | | RDG |
| 20 | 1 Mar 66 | 28°50.0'N | 073°50.0'W | X | | | | | | | RDG |
| 21 | 2 Mar 66 | 29°51.0'N | 073°03.0'W | X | | | | | | | RDG |
| 22 | 3 Mar 66 | 29°31.0'N | 076°06.0'W | X | | | | | | | CSP |
| 23 | 3 Mar 66 | 30°40.0'N | 076°04.0'W | X | | | | | | | RDG |
| 24 | 4 Mar 66 | 31°19.0'N | 076°65.0'W | X | | | | | | | RDG |
| 25 | 4 Mar 66 | 31°21.0'N | 074°57.0'W | X | | | | | | | RDG |
| 26 | 5 Mar 66 | 31°16.0'N | 073°24.0'W | X | | | | | | | PDG |
| 27 | 6 Mar 66 | 32°18.0'N | 074°00.0'W | X | | | | | | | RDG |
| 28 | 7 Mar 66 | 31°57.0'N | 075°43.0'W | X | | | | | | | RDG |

Data reported in volumes

8A

8

1 5
2

STATION DATA SP-96-II
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VEL/OC | NANSEN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|-----------------|-----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 29 | 19 Mar 66 | 34°07.0'N | 074°33.0'W | | X | X | | | X | X | CSP |
| 30 | 20 Mar 66 | 33°08.0'N | 075°39.0'W | | X | | | | | X | RDG |
| 31 | 21 Mar 66 | 33°06.0'N | 073°24.0'W | | X | | | | | X | RSE |
| 32 | 22 Mar 66 | 33°00.0'N | 071°32.0'W | | X | | | | | X | ABP |
| 33 | 23 Mar 66 | 32°30.0'N | 072°32.0'W | | X | | | | | X | ABP |
| 34 | 24 Mar 66 | 31°02.0'N | 071°15.0'W | | X | | | | | X | ABP |
| 35 | 25 Mar 66 | 30°49.0'N | 070°00.0'W | | X | | | | | X | RSE |
| 36 | 26 Mar 66 | 31°23.0'N | 068°28.0'W | | X | | | | | X | RSE |
| 37 | 27 Mar 66 | 32°08.0'N | 069°00.0'W | | X | | | | | X | PSE |
| 38 | 28 Mar 66 | 32°38.0'N | 071°00.0'W | | X | | | | | X | ABP |
| 39 | 29 Mar 66 | 33°00.0'N | 071°32.0'W | | X | | | | | X | RSE |
| 40 | 30 Mar 66 | 32°30.0'N | 071°45.0'W | | X | | | | | X | RSE |
| 41 | 31 Mar 66 | 32°58.0'N | 072°00.0'W | | X | | | | | X | RSE |
| 42 | 1 Apr 66 | 34°00.0'N | 073°10.0'W | | X | | | | | X | RSE |
| 43 | 2 Apr 66 | 34°47.0'N | 074°08.0'W | | X | | | | | X | RSE |
| 44 | 3 Apr 66 | 35°43.0'N | 073°36.0'W | | X | | | | | X | RSE |
| 45 | 4 Apr 66 | 35°00.0'N | 072°08.0'W | | X | | | | | X | RSE |
| 46 | 5 Apr 66 | 36°26.0'N | 072°54.0'W | | X | | | | | X | RSE |
| 47 | 6 Apr 66 | 37°00.0'N | 074°00.0'W | | X | | | | | X | CSP |
| 48 | 7 Apr 66 | 37°26.0'N | 073°00.0'W | | X | | | | | X | RSE |
| 49 | 8 Apr 66 | 37°03.0'N | 072°00.0'W | | X | | | | | X | RSE |
| 50 | 9 Apr 66 | 36°00.0'N | 071°28.0'W | | X | | | | | X | RSE |
| 51 | 7 Apr 66 | 36°00.0'N | 070°15.0'W | | X | | | | | X | PSE |
| 52-A | 8 Apr 66 | 36°27.0'N | 067°57.0'W | | X | | | | | X | ABP |
| 52-B | 9 Apr 66 | 36°27.0'N | 067°57.0'W | | | | | | | X | ABP |

Data reported in volumes

*SP-96-I

8A

8A*

8

1

5

STATION DATA
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT BO." | PHOT | BOT | ACOUSTIC PROV LOSS | PHYSIO |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|---------------------|------|-----|--------------------------|--------|
| 53 | 9 Apr 66 | 36°49.0'N | 067°15.0'W | X | X | X | | X | | X | X | ABP |
| 54 | 19 Apr 66 | 33°00.0'N | 067°03.0'W | X | | | | | | X | X | RSE |
| 55 | 19 Apr 66 | 32°20.0'N | 067°48.0'W | X | | | | | | X | X | RSE |
| 56 | 20 Apr 66 | 32°43.0'N | 068°17.0'W | X | | | | | | X | X | RSE |
| 57 | 20 Apr 66 | 33°07.0'N | 069°08.0'W | X | | | | | | X | X | RSE |
| 58 | 21 Apr 66 | 33°30.0'N | 068°20.0'W | X | | | | | | X | X | RSE |
| 59 | 21 Apr 66 | 33°54.0'N | 067°26.0'W | X | | | | | | X | X | ABP |
| 60 | 22 Apr 66 | 34°28.0'N | 068°00.0'W | X | | | | | | X | X | RSE |
| 61 | 22 Apr 66 | 34°12.0'N | 069°08.0'W | X | | | | | | X | X | ABP |
| 62 | 23 Apr 66 | 34°59.0'N | 070°01.0'W | X | | | | | | X | X | RSE |
| 63 | 24 Apr 66 | 35°10.0'N | 068°59.0'W | X | | | | | | X | X | RSE |
| 64 | 27 Apr 66 | 35°58.0'N | 067°55.0'W | X | | | | | | X | X | RSE |
| 65 | 27 Apr 66 | 37°01.0'N | 068°40.0'W | X | | | | | | X | X | ABP |
| 66 | 28 Apr 66 | 37°55.0'N | 069°10.0'W | X | | | | | | X | X | RSE |
| 67 | 29 Apr 66 | 37°20.0'N | 070°00.0'W | X | | | | | | X | X | RSE |
| 68 | 30 Apr 66 | 37°58.0'N | 071°30.0'W | X | | | | | | X | X | CSP |
| 69 | 30 Apr 66 | 38°58.0'N | 072°00.0'W | X | | | | | | X | X | CSP |
| 70 | 1 May 66 | 38°48.0'N | 070°30.0'W | X | | | | | | X | X | CSP |
| 71 | 1 May 66 | 39°19.0'N | 069°25.0'W | X | | | | | | X | X | CSP |
| 72 | 1 May 66 | 39°50.0'N | 068°10.0'W | X | | | | | | X | X | CSP |
| 73 | 3 May 66 | 40°08.0'N | 067°00.0'W | X | | | | | | X | X | CSP |
| 74 | 3 May 66 | 40°48.0'N | 066°04.0'W | X | | | | | | X | X | CSP |
| 75 | 4 May 66 | 39°40.0'N | 066°18.0'W | X | | | | | | X | X | RSE |
| 76 | 4 May 66 | 39°12.0'N | 067°06.0'W | X | | | | | | X | X | RSE |
| 77 | 5 May 66 | 38°37.0'N | 068°12.0'W | X | | | | | | X | X | RSE |

Data reported in volumes

8A*

8

*SP-96-I

1

2

5

STATION DATA SP-96-II
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 78 | 5 May 66 | 36°29.0'N | 066°44.0'W | X | | | | | | X | RSE |
| 79 | 6 May 66 | 37°43.0'N | 067°36.0'W | X | | | | | | X | RSE |
| 80 | 7 May 66 | 37°18.0'N | 065°53.0'W | X | | | | | | X | ABP |
| 81 | 8 May 66 | 36°45.0'N | 066°00.0'W | X | | | | | | X | RSE |
| 82 | 9 May 66 | 36°08.0'N | 067°02.0'W | X | | | | | | X | ABP |
| 83 | 10 May 66 | 34°48.0'N | 066°25.0'W | X | | | | | | X | RSE |
| 84 | 11 May 66 | 33°55.0'N | 065°52.0'W | X | | | | | | X | RSE |
| RVRB | 12 Mar 66 | 29°05.0'N | 070°10.0'W | | | | | | | | |
| RVRB | 6 Apr 66 | 25°55.0'N | 073°45.0'W | | | | | | | | |
| RVRB | 10 Apr 66 | 32°30.0'N | 069°20.0'W | | | | | | | | |

Data reported in volumes

*SP-96-I

1
2
5

STATION DATA
Contractor: Alpine Seophysical Associates, Incorporated
SP-96-SF

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT | RVRB SFC | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|-------------|-------------|-------------|-------------|----------------------|----------------|
| 1 | 14 Jul 66 | 39°11.0'N | 062°42.0'W | | | X | | | | X | |
| 17 | Jul 66 | 37°51.0'N | 048°15.0'W | | | X | | | | X | |
| 20 | Jul 66 | 35°55.0'N | 028°45.0'W | | | X | | | | X | |
| 24 | Jul 66 | 36°10.0'N | 019°28.0'W | | | X | | | | X | |
| 26 | Jul 66 | 37°12.0'N | 011°28.0'W | | | X | | | | X | |
| 31 | Jul 66 | 37°58.0'N | 012°06.0'W | | | X | | | | X | |
| 5 | 2 Aug 66 | 41°42.0'N | 012°34.0'W | | | X | | | | X | |
| 7 | 4 Aug 66 | 45°27.0'N | 006°25.0'W | | | X | | | | X | |
| 8 | 6 Aug 66 | 58°01.0'N | 011°11.0'W | | | X | | | | X | |
| 10A | 13 Aug 66 | 70°02.0'N | 003°24.0'E | | | X | | | | X | |
| 9T | 13 Aug 66 | 70°02.0'N | 003°24.0'E | | | X | | | | X | |
| 10A | 12 Aug 66 | 70°13.0'N | 004°57.0'E | | | X | | | | X | |
| 1CT | 12 Aug 66 | 70°13.0'N | 004°57.0'E | | | X | | | | X | |
| 11A | 11 Aug 66 | 69°42.0'N | 005°41.0'E | | | X | | | | X | |
| 11A | 11 Aug 66 | 69°42.0'N | 005°41.0'E | | | X | | | | X | |
| 12 | 14 Aug 66 | 68°36.0'N | 006°43.0'E | | | X | | | | X | |
| 14 | 6 Sep 66 | 40°08.0'N | 055°55.0'W | | | X | | | | X | |
| 15 | 8 Sep 66 | 41°13.0'N | 063°30.0'W | | | X | | | | X | |

Data reported in volumes

8A

2

5

STATION DATA SP-96-HH
Contractor: Alpae Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSE CASTS | CORE SFC /VOL | RVRB BOT | RVRB PHOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|-------------|-------------|---------------|----------|-----------|----------|-------------------|-------------|
| 1 | 28 Oct 66 | 25°10.9'N | 070°55.0'W | | | X | | | | X | ABP |
| 2 | 30 Oct 66 | 22°58.0'N | 066°14.0'W | | | X | | | | X | ABP |
| 3 | 1 Nov 66 | 19°39.0'N | 067°54.0'W | | | X | | | | X | TRN |
| 4 | 3 Nov 66 | 15°30.0'N | 069°02.0'W | | | X | | | | X | ABP |
| 5 | 5 Nov 66 | 14°30.0'N | 072°40.0'W | | | X | | | | X | RSE |
| 6 | 5 Nov 66 | 13°14.0'N | 076°13.0'W | | | X | | | | X | ABP |
| 7 | 15 Nov 66 | 05°55.0'N | 080°06.0'W | | | X | | | | X | BAS |
| 8 | 19 Nov 66 | 02°30.0'N | 094°03.0'W | | | X | | | | X | RDG |
| 9 | 21 Nov 66 | 03°30.0'N | 103°09.0'W | | | X | | | | X | RSE |
| 10 | 26 Nov 66 | 06°42.0'N | 120°54.0'W | | | X | | | | X | ABH |
| 11 | 30 Nov 66 | 10°21.0'N | 133°12.0'W | | | X | | | | X | ABH |
| 12 | 2 Dec 66 | 13°14.0'N | 140°10.0'W | | | X | | | | X | ABH |

Date reported in volumes

4

1 1
2 2
4

| STN# | DATE | STATION DATA | | | | | | SP-96-V | | | | | |
|------|-----------|---|-------------|-------------|--|-------------|--|---------------|--|----------|--|----------|-----|
| | | Contractor: Alpine Geophysical Associates, Incorporated | | SOUND VELOC | | NANSN CASTS | | CORE SFC /VOL | | RVRB BOT | | BOT PHOT | |
| 1 | 4 Jan 67 | 21°33.0' N | 159°57.0' W | X | | X | | X | | X | | X | RDG |
| 2 | 4 Jan 67 | 20°56.0' N | 159°00.0' W | X | | X | | X | | X | | X | MOT |
| 3 | 5 Jan 67 | 20°24.0' N | 159°50.0' W | X | | X | | X | | X | | X | MOT |
| 4 | 6 Jan 67 | 19°53.0' N | 159°01.0' W | X | | X | | X | | X | | X | MOT |
| 5 | 7 Jan 67 | 20°27.0' N | 157°48.0' W | X | | X | | X | | X | | X | MOT |
| 6 | 7 Jan 67 | 19°56.0' N | 156°18.0' W | X | | X | | X | | X | | X | RDG |
| 7 | 8 Jan 67 | 18°56.0' N | 156°26.0' W | X | | X | | X | | X | | X | MOT |
| 8 | 9 Jan 67 | 18°35.0' N | 157°34.0' W | X | | X | | X | | X | | X | SMT |
| 9 | 9 Jan 67 | 18°34.0' N | 159°48.0' W | X | | X | | X | | X | | X | ARC |
| 10 | 10 Jan 67 | 17°54.0' N | 159°30.0' W | X | | X | | X | | X | | X | ARC |
| 11 | 11 Jan 67 | 17°40.0' N | 158°22.0' W | X | | X | | X | | X | | X | ARC |
| 12 | 11 Jan 67 | 17°11.0' N | 157°04.0' W | X | | X | | X | | X | | X | ARC |
| 13 | 12 Jan 67 | 18°22.0' N | 156°39.0' W | X | | X | | X | | X | | X | SMT |
| 14 | 13 Jan 67 | 17°09.0' N | 155°27.0' W | X | | X | | X | | X | | X | ARC |
| 15 | 13 Jan 67 | 17°41.0' N | 154°54.0' W | X | | X | | X | | X | | X | ARC |
| 16 | 14 Jan 67 | 18°53.0' N | 154°25.0' W | X | | X | | X | | X | | X | MOT |
| 17 | 15 Jan 67 | 17°43.0' N | 153°30.0' W | X | | X | | X | | X | | X | ARC |
| 18 | 15 Jan 67 | 19°04.0' N | 152°49.0' W | X | | X | | X | | X | | X | ARC |
| 19 | 16 Jan 67 | 18°18.0' N | 152°14.0' W | X | | X | | X | | X | | X | ARC |
| 20 | 17 Jan 67 | 18°51.0' N | 151°06.0' W | X | | X | | X | | X | | X | ARC |
| 21 | 18 Jan 67 | 19°50.0' N | 150°23.0' W | X | | X | | X | | X | | X | ARC |
| 22 | 18 Jan 67 | 20°35.0' N | 151°02.0' W | X | | X | | X | | X | | X | ARC |
| 23 | 19 Jan 67 | 20°42.0' N | 152°07.0' W | X | | X | | X | | X | | X | ARC |
| 24 | 20 Jan 67 | 19°47.0' N | 152°03.0' W | X | | X | | X | | X | | X | FRZ |
| 25 | 20 Jan 67 | 20°20.0' N | 152°54.0' W | X | | X | | X | | X | | X | |
| | | | | 8A | | 8B | | 8 | | 8 | | 1 | 1 |
| | | | | | | | | | | | | 2 | 5 |

Data reported in volumes

STATION DATA SP-96-V
 Contractor: Alpine Geophysical Associates, Incorporated

| STATION | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSS CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO PROV |
|---------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 26 | 20 Jan 67 | 21°09.0'N | 153°27.0'W | X | | | | | | X | |
| 27 | 21 Jan 67 | 20°49.0'N | 154°29.0'W | X | | X | | X | | X | |
| 28 | 22 Jan 67 | 21°45.0'N | 155°31.0'W | X | | | | | | X | |
| 29 | 1 Feb 67 | 22°40.0'N | 156°20.0'W | X | | | | | | X | |
| 30 | 2 Feb 67 | 23°40.0'N | 155°44.0'W | X | | | | | | X | |
| 31 | 2 Feb 67 | 25°00.0'N | 156°14.0'W | X | | | | | | X | |
| 32 | 3 Feb 67 | 26°05.0'N | 155°05.0'W | X | | | | | | X | |
| 33 | 4 Feb 67 | 27°09.0'N | 154°11.0'W | X | | | | | | X | |
| 34 | 4 Feb 67 | 27°20.0'N | 155°45.0'W | X | | | | | | X | |
| 35 | 5 Feb 67 | 28°46.0'N | 154°55.0'W | X | | | | | | X | |
| 36 | 6 Feb 67 | 28°40.0'N | 153°04.0'W | X | | | | | | X | |
| 37 | 7 Feb 67 | 29°36.0'N | 154°08.0'W | X | | | | | | X | |
| 38 | 8 Feb 67 | 30°21.0'N | 152°30.0'W | X | | | | | | X | |
| 39 | 8 Feb 67 | 30°49.0'N | 151°22.0'W | X | | | | | | X | |
| 40 | 9 Feb 67 | 29°25.0'N | 151°26.0'W | X | | | | | | X | |
| 41 | 10 Feb 67 | 28°25.0'N | 150°31.0'W | X | | | | | | X | |
| 42 | 10 Feb 67 | 27°48.0'N | 151°47.0'W | X | | | | | | X | |
| 43 | 11 Feb 67 | 27°05.0'N | 152°46.0'W | X | | | | | | X | |
| 44 | 12 Feb 67 | 26°43.0'N | 151°02.0'W | X | | | | | | X | |
| 45 | 13 Feb 67 | 25°56.0'N | 150°10.0'W | X | | | | | | X | |
| 46 | 13 Feb 67 | 26°05.0'N | 152°15.0'W | X | | | | | | X | |
| 47 | 14 Feb 67 | 25°12.0'N | 153°39.0'W | X | | | | | | X | |
| 48 | 15 Feb 67 | 24°15.0'N | 154°37.0'W | X | | | | | | X | |
| 49 | 16 Feb 67 | 24°17.0'N | 154°59.0'W | X | | | | | | X | |
| 50 | 16 Feb 67 | 24°45.0'N | 151°54.0'W | X | | | | | | X | |

Data reported in volumes

SA

SB

8

1 5

1 2

| STN# | DATE | STATION DATA | | | SP-96-V | | | Contractor: Alpine Geophysical Associates, Incorporated | PHYSIO PROV |
|------|-----------|--------------|------------|-------------|-------------|---------------|----------|---|-------------|
| | | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC /VOL | RVRB BOT | | |
| 51 | 18 Feb 67 | 24°34.0'N | 150°18.0'W | X | X | X | X | X | ABH |
| 52 | 18 Feb 67 | 23°45.0'N | 151°31.0'W | X | | | | X | ARC |
| 53 | 19 Feb 67 | 22°08.0'N | 150°53.0'W | X | | | | X | FRZ |
| 54 | 20 Feb 67 | 22°46.0'N | 152°43.0'W | X | | | | X | ARC |
| 55 | 21 Feb 67 | 22°42.0'N | 154°54.0'W | X | | | | X | ARC |
| 56 | 27 Feb 67 | 22°39.0'N | 159°25.0'W | X | | | | X | RDG |
| 57 | 28 Feb 67 | 23°32.0'N | 159°26.0'W | X | | | | X | MOT |
| 58 | 1 Mar 67 | 24°18.0'N | 158°22.0'W | X | | | | X | RDG |
| 59 | 4 Mar 67 | 25°32.0'N | 159°05.0'W | X | | | | X | SMT |
| 60 | 4 Mar 67 | 27°00.0'N | 158°13.0'W | X | | | | X | SMT |
| 61 | 5 Mar 67 | 28°27.0'N | 157°41.0'W | X | | | | X | FRZ |
| 62 | 5 Mar 67 | 29°47.0'N | 157°12.0'W | X | | | | X | FRZ |
| 63 | 7 Mar 67 | 29°40.5'N | 159°03.0'W | X | | | | X | ABH |
| 64 | 8 Mar 67 | 31°06.0'N | 159°08.0'W | X | | | | X | ABH |
| 65 | 8 Mar 67 | 31°58.0'N | 158°42.0'W | X | | | | X | ABH |
| 66 | 9 Mar 67 | 31°57.0'N | 157°20.0'W | X | | | | X | ABH |
| 67 | 10 Mar 67 | 31°09.0'N | 156°28.0'W | X | | | | X | ABH |
| 68 | 13 Mar 67 | 31°43.0'N | 150°16.0'W | X | | | | X | ABH |
| 69 | 13 Mar 67 | 32°30.0'N | 151°55.0'W | X | | | | X | ABH |
| 70 | 14 Mar 67 | 31°18.0'N | 153°01.0'W | X | | | | X | ABH |
| 71 | 15 Mar 67 | 30°28.0'N | 154°00.0'W | X | | | | X | ABH |
| 72 | 15 Mar 67 | 32°10.0'N | 154°11.0'W | X | | | | X | ABH |
| 73 | 16 Mar 67 | 31°46.0'N | 155°37.0'W | X | | | | X | ABH |
| 74 | 17 Mar 67 | 30°15.0'N | 155°12.0'W | X | | | | X | ABH |
| 75 | 18 Mar 67 | 28°25.0'N | 156°06.0'W | X | | | | X | FRZ |

Data reported in volumes

8A

8B

8

1
2
5

STATION DATA SP-96-V

Contractor: Alpine Geophysical Associates, Incorporated

Data reported in volumes

| STN# | DATE | STATION DATA | | SP-96-6 | | Incorporated | | PHYSIO PROV | ACOUSTIC PROP/BOT | LOSS |
|------|-----------|--------------|-------------|----------------|-----------------|--------------|---------------------|----------------|----------------------|------|
| | | LATITUDE | LONGITUDE | SOUND VELOC | NANSEN CASTS | CORE | RVRB SFC /VOL | | | |
| 1 | 24 Apr 67 | 17°21.0' N | 160°23.0' W | X | X | X | X | X | X | X |
| 2 | 26 Apr 67 | 15°44.0' N | 160°32.0' W | X | X | X | X | X | X | X |
| 3 | 27 Apr 67 | 15°08.0' N | 161°47.0' W | X | X | X | X | X | X | X |
| 4 | 27 Apr 67 | 14°54.0' N | 163°21.0' W | X | X | X | X | X | X | X |
| 5 | 28 Apr 67 | 14°48.0' N | 164°56.0' W | X | X | X | X | X | X | X |
| 6 | 29 Apr 67 | 14°44.0' N | 167°18.0' W | X | X | X | X | X | X | X |
| 7 | 30 Apr 67 | 15°48.0' N | 168°33.0' W | X | X | X | X | X | X | X |
| 8 | 1 May 67 | 16°05.0' N | 167°11.0' W | X | X | X | X | X | X | X |
| 9 | 1 May 67 | 16°17.0' N | 165°46.0' W | X | X | X | X | X | X | X |
| 10 | 2 May 67 | 16°10.0' N | 164°24.0' W | X | X | X | X | X | X | X |
| 11 | 3 May 67 | 16°38.0' N | 164°19.0' W | X | X | X | X | X | X | X |
| 12 | 3 May 67 | 16°54.0' N | 161°53.0' W | X | X | X | X | X | X | X |
| 13 | 4 May 67 | 18°08.0' N | 160°54.0' W | X | X | X | X | X | X | X |
| 14 | 5 May 67 | 17°49.0' N | 162°17.0' W | X | X | X | X | X | X | X |
| 15 | 6 May 67 | 17°15.0' N | 163°38.0' W | X | X | X | X | X | X | X |
| 16 | 7 May 67 | 17°12.0' N | 165°15.0' W | X | X | X | X | X | X | X |
| 17 | 7 May 67 | 17°07.0' N | 166°39.0' W | X | X | X | X | X | X | X |
| 18 | 8 May 67 | 17°25.0' N | 167°55.0' W | X | X | X | X | X | X | X |
| 19 | 9 May 67 | 17°46.0' N | 169°42.0' W | X | X | X | X | X | X | X |
| 20 | 10 May 67 | 18°14.0' N | 168°14.0' W | X | X | X | X | X | X | X |
| 21 | 11 May 67 | 18°22.0' N | 166°53.0' W | X | X | X | X | X | X | X |
| 22 | 12 May 67 | 18°16.0' N | 165°19.0' W | X | X | X | X | X | X | X |
| 23 | 12 May 67 | 18°28.0' N | 163°48.0' W | X | X | X | X | X | X | X |
| 24 | 13 May 67 | 18°47.0' N | 162°17.0' W | X | X | X | X | X | X | X |
| 25 | 14 May 67 | 19°06.0' N | 160°47.0' W | X | X | X | X | X | X | X |

Data reported in volumes

STATION DATA SP-96-6
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /YOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 26 | 17 Oct 67 | 20°08.0'N | 161°23.0'W | | X | X | | | X | X | RSE |
| 27 | 18 Oct 67 | 19°57.0'N | 163°06.0'W | | X | | | | | X | RSE |
| 28 | 19 Oct 67 | 19°51.0'N | 164°29.0'W | | X | | | | | X | RSE |
| 29 | 20 Oct 67 | 19°43.0'N | 166°03.0'W | | X | | | X | | X | RSE |
| 30 | 21 Oct 67 | 19°33.0'N | 167°37.0'W | | X | | | X | | X | RSE |
| 31 | 22 Oct 67 | 21°04.0'N | 166°40.0'W | | X | | | X | | X | RSE |
| 32 | 22 Oct 67 | 20°40.0'N | 165°13.0'W | | X | | | X | | X | RSE |
| 33 | 23 Oct 67 | 20°47.0'N | 163°33.0'W | | X | | | X | | X | RSE |
| 34 | 24 Oct 67 | 20°47.0'N | 162°12.0'W | | X | | | X | | X | RSE |
| 35 | 25 Oct 67 | 21°46.0'N | 161°45.0'W | | X | | | X | | X | RSE |
| 36 | 26 Oct 67 | 22°08.0'N | 163°50.0'W | | X | | | X | | X | RSE |
| 37 | 27 Oct 67 | 22°10.0'N | 165°15.0'W | | X | | | X | | X | RSE |
| 38 | 28 Oct 67 | 23°16.0'N | 167°31.0'W | | X | | | X | | X | ABH |
| 39 | 29 Oct 67 | 22°06.0'N | 169°28.0'W | | X | | | X | | X | ABH |
| 40 | 30 Oct 67 | 23°43.0'N | 169°26.0'W | | X | | | X | | X | ABH |
| 41 | 31 Oct 67 | 26°40.0'N | 169°28.0'W | | X | | | X | | X | HDP |
| 42 | 1 Nov 67 | 26°28.0'N | 168°11.0'W | | X | | | X | | X | HDP |
| 43 | 2 Nov 67 | 26°22.0'N | 166°42.0'W | | X | | | X | | X | HDP |
| 44 | 3 Nov 67 | 25°17.0'N | 166°15.0'W | | X | | | X | | X | HDP |
| 45 | 3 Nov 67 | 25°23.0'N | 164°56.0'W | | X | | | X | | X | HDP |
| 46 | 4 Nov 67 | 24°31.0'N | 164°15.0'W | | X | | | X | | X | HDP |
| 47 | 5 Nov 67 | 24°21.0'N | 162°47.0'W | | X | | | X | | X | HDP |
| 48 | 5 Nov 67 | 23°39.0'N | 161°51.0'W | | X | | | X | | X | RDG |
| 49 | 7 Nov 67 | 23°14.0'N | 160°14.0'W | | X | | | X | | X | HDP |
| 50 | 6 Nov 67 | 24°08.0'N | 160°37.0'W | | X | | | X | | X | HDP |

Data reported in volumes

8A 8B 8 4 4A 8 1 1 2 2 5

STATION DATA SP-96-6
 Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 51 | 8 Dec 67 | 25°08.0'N | 160°30.0'W | X | X | X | | X | X | X | X |
| 52 | 9 Dec 67 | 25°54.0'N | 161°33.0'W | X | X | X | | X | X | X | X |
| 53 | 10 Dec 67 | 26°42.0'N | 162°10.0'W | X | | | | X | X | | |
| 54 | 11 Dec 67 | 27°37.0'N | 162°42.0'W | X | | | | X | X | | |
| 55 | 12 Dec 67 | 29°29.0'N | 160°18.0'W | X | | | | X | X | | |
| 56 | 13 Dec 67 | 29°52.0'N | 161°04.0'W | X | | | | X | X | | |
| 57 | 14 Dec 67 | 30°30.0'N | 160°12.0'W | X | | | | X | X | | |
| 58 | 15 Dec 67 | 31°34.0'N | 160°13.0'W | X | X | X | | X | X | | |
| 59 | 16 Dec 67 | 31°20.0'N | 161°20.0'W | X | | | | X | X | | |
| 60 | 17 Dec 67 | 30°53.0'N | 163°58.0'W | X | | | | X | X | | |
| 62 | 18 Dec 67 | 30°42.0'N | 166°35.0'W | X | | | | X | X | | |
| 63 | 18 Dec 67 | 30°24.0'N | 168°28.0'W | X | | | | X | X | | |
| 64 | 20 Dec 67 | 29°43.0'N | 169°24.0'W | X | | | | X | X | | |
| 65 | 20 Dec 67 | 28°27.0'N | 169°22.0'W | X | | | | X | X | | |
| 66 | 21 Dec 67 | 29°10.0'N | 168°17.0'W | X | | | | X | X | | |
| 68 | 23 Dec 67 | 28°05.0'N | 167°10.0'W | X | | | | X | X | | |
| 69 | 23 Dec 67 | 28°19.0'N | 165°21.0'W | X | | | | X | X | | |
| 72 | 24 Dec 67 | 27°51.0'N | 163°55.0'W | X | | | | X | X | | |
| 73 | 25 Dec 67 | 26°41.0'N | 163°37.0'W | X | | | | X | X | | |
| 75 | 25 Dec 67 | 25°25.0'N | 163°24.0'W | X | | | | X | X | | |
| RVRB | 3 Oct 67 | 28°23.0'N | 166°08.0'W | X | | | | X | X | | |
| RVRB | 30 Sep 67 | 28°15.0'N | 173°06.0'W | X | | | | X | X | | |
| RVRB | 26 Sep 67 | 27°08.0'N | 174°50.0'W | X | | | | X | X | | |

Data reported in volumes

8A 8B 8 4 4A 8

1 2 4 5

STATION DATA
Contractor: Alpine Geophysical Associates, Incorporated

SP-96-XVII

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT /VOL | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO PROV |
|------|-----------|-------------|--------------|----------------|----------------|-------------|---------------------|-------------|----------------------|----------------|
| 1D | 8 Aug 67 | 31° 16.0' N | 134° 10.0' E | | | X | | X | X | TGH |
| 1S | 10 Aug 67 | 31° 15.0' N | 134° 20.0' E | | | X | | X | X | TGH |
| 2D | 11 Aug 67 | 27° 52.0' N | 133° 35.0' E | | | X | | X | X | BAS |
| 2S | 13 Aug 67 | 23° 42.0' N | 133° 38.0' E | | | X | | X | X | BAS |
| 3D | 22 Aug 67 | 27° 06.0' N | 135° 46.0' E | | | X | | X | X | TGH |
| 3S | 23 Aug 67 | 27° 12.0' N | 135° 52.0' E | | | X | | X | X | TGH |
| 4D | 24 Aug 67 | 28° 45.0' N | 138° 00.0' E | | | X | | X | X | RSE |
| 4S | 25 Aug 67 | 28° 45.0' N | 138° 00.0' E | | | X | | X | X | RSE |
| 5D | 18 Aug 67 | 24° 33.0' N | 137° 00.0' E | | | X | | X | X | TRN |
| 5S | 20 Aug 67 | 25° 00.0' N | 137° 10.0' E | | | X | | X | X | TGH |
| 6D | 3 Jul 67 | 31° 58.0' N | 139° 02.0' E | | | X | | X | X | |
| 6S | 4 Jul 67 | 30° 25.0' N | 135° 45.0' E | | | X | | X | X | |
| 7D | 5 Jul 67 | 30° 18.0' N | 139° 00.0' L | | | X | | X | X | |
| 7S | 6 Jul 67 | 28° 33.0' N | 138° 28.5' E | | | X | | X | X | |
| 8D | 7 Jul 67 | 26° 59.5' N | 136° 15.7' E | | | X | | X | X | BAS |
| 8S | 8 Jul 67 | 26° 51.0' N | 138° 00.0' E | | | X | | X | X | RDG |
| 9D | 9 Jul 67 | 27° 30.0' N | 139° 29.5' E | | | X | | X | X | RDG |
| 9S | 10 Jul 67 | 25° 50.0' N | 140° 14.5' E | | | X | | X | X | RSE |
| 10D | 10 Jul 67 | 25° 00.0' N | 139° 03.0' E | | | X | | X | X | TGH |
| 10S | 11 Jul 67 | 25° 23.0' N | 136° 38.1' E | | | X | | X | X | RDG |
| 11D | 12 Jul 67 | 25° 03.0' N | 135° 25.0' E | | | X | | X | X | BAS |
| 11S | 13 Jul 67 | 24° 23.0' N | 133° 29.0' E | | | X | | X | X | |
| 12D | 14 Jul 67 | 26° 29.0' N | 131° 40.0' E | | | X | | X | X | |
| 12S | 15 Jul 67 | 26° 45.0' N | 130° 00.8' E | | | X | | X | X | |
| 13D | 16 Jul 67 | 27° 39.0' N | 132° 30.3' E | | | X | | X | X | |
| 13S | 16 Jul 67 | 27° 09.0' N | 134° 35.0' E | | | X | | X | X | |

Data reported in volumes

6A

1 6 1 1 3

STATION DATA
SP-96-XVII

Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT | RVRB BOT | BOT | ACOUSTIC PHOT | PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|-------------|-------------|-------------|-----|------------------|----------|----------------|
| | | | | | | /VOL | | | | | | |
| 17 | 18 Jul 67 | 29°08.0'N | 134°10.0'E | | | | | | | | | |
| 18 | 18 Jul 67 | 28°53.0'N | 133°00.0'E | | | | | | | | | |
| 20 | 19 Jul 67 | 29°37.0'N | 130°55.0'E | | | | | | | | | |
| 21 | 19 Jul 67 | 29°37.0'N | 131°40.7'E | | | | | | | | | |
| 22 | 20 Jul 67 | 31°14.0'N | 132°28.0'E | | | | | | | | | |
| 23 | 23 Jul 67 | 33°28.0'N | 138°20.6'E | | | | | | | | | |
| 24A | 7 Jul 67 | 28°00.0'N | 137°31.0'E | | | | | | | | | |
| 24B | 7 Jul 67 | 27°49.0'N | 137°33.0'E | | | | | | | | | |
| 1R | 6 Aug 67 | 31°05.0'N | 134°15.0'E | | | | | | | | | |
| 1E | 9 Aug 67 | 32°37.0'N | 133°29.0'E | | | | | | | | | |
| 2R | 11 Aug 67 | 27°54.0'N | 133°26.0'E | | | | | | | | | |
| 2E | 12 Aug 67 | 26°46.0'N | 134°47.0'E | | | | | | | | | |
| 8R | 18 Aug 67 | 24°49.0'N | 137°12.0'E | | | | | | | | | |
| 8E | 19 Aug 67 | 26°31.0'N | 136°40.0'E | | | | | | | | | |
| 3E | 22 Aug 67 | 28°40.5'N | 135°41.0'E | | | | | | | | | |
| 3R | 23 Aug 67 | 27°00.0'N | 136°00.0'E | | | | | | | | | |
| 4E | 25 Aug 67 | 30°24.0'N | 137°29.0'E | | | | | | | | | |
| 4R | 25 Aug 67 | 28°44.0'N | 138°01.0'E | | | | | | | | | |

Data reported in volumes

1A
6A

STATION DATA
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|-----------|------------|----------------|----------------|---------------------|-------------|-------------|----------------------|----------------|
| 1 | 28 May 67 | 32°37.0'N | 056°05.0'W | X | X | | | | ABP | |
| 2 | 5 Jun 67 | 33°55.0'N | 022°49.0'W | X | | | | | ABH | |
| 3 | 7 Jun 67 | 34°59.0'N | 018°00.0'W | X | | | | | RSE | |
| 4 | 19 Jun 67 | 24°21.0'N | 025°21.0'W | X | | | | | RSE | |
| 5 | 22 Jun 67 | 16°35.0'N | 030°02.0'W | X | | | | | RSE | |
| 6 | 23 Jun 67 | 06°09.0'N | 016°50.0'W | X | | | | | RSE | |
| 7 | 5 Jul 67 | 00°45.0'N | 004°04.0'W | X | | | | | ABP | |
| 8 | 11 Jul 67 | 15°53.0'S | 002°45.0'E | X | | | | | ABP | |
| 9 | 1 Aug 67 | 29°50.0'S | 038°28.0'E | X | | | | | ABP | |
| 10 | 7 Aug 67 | 19°59.0'S | 050°55.0'E | X | | | | | ABP | |
| 11 | 18 Aug 67 | 06°34.0'S | 061°55.0'E | X | | | | | RSE | |
| 12 | 26 Aug 67 | 03°02.0'S | 083°35.0'E | X | | | | | ABP | |
| 13 | 28 Aug 67 | 04°35.0'N | 086°17.0'E | X | | | | | CNE | |
| | | | | | | | | | CNE | |

Data reported in volumes

2 2 2 2 1 1

2

| STATION DATA SP-97-12 | | | | | | | | | |
|---|--------|----------|------------|----------------|----------------|------|---------------------|-------------|------------------------------|
| Contractor: Alpine Geophysical Associates, Incorporated | | | | | | | | | |
| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | BOT PHOT | ACOUSTIC PROP/BOT LOSS |
| 1 | 8 Aug | 68 | 11°03'.0'N | 132°22.0'E | X | | X | X | |
| 2 | 10 Sep | 68 | 10°28.0'N | 133°13.0'E | X | | X | X | BAS |
| 3 | 8 Aug | 68 | 09°50.0'N | 132°23.0'E | X | | X | X | BAS |
| 4 | 9 Sep | 68 | 09°11.0'N | 133°26.0'E | X | | X | X | BAS |
| 5 | 8 Sep | 68 | 08°16.0'N | 134°17.0'E | X | | X | X | RDG |
| 6 | 7 Sep | 68 | 08°09.0'N | 133°32.0'E | X | | X | X | RDG |
| 7 | 7 Aug | 68 | 08°23.0'N | 132°20.0'E | X | | X | X | RDG |
| 8 | 7 Aug | 68 | 07°13.0'N | 132°13.0'E | X | | X | X | RDG |
| 9 | 6 Aug | 68 | 06°23.0'N | 132°04.0'E | X | | X | X | RDG |
| 10 | 6 Aug | 68 | 06°29.0'N | 134°27.0'E | X | | X | X | RDG |
| 11 | 5 Aug | 68 | 07°03.0'N | 135°18.0'E | X | | X | X | RDG |
| 12 | 3 Aug | 68 | 08°18.0'N | 136°00.0'E | X | | X | X | RDG |
| 13 | 3 Aug | 68 | 09°09.0'N | 136°41.0'E | X | | X | X | RDG |
| 14 | 2 Aug | 68 | 10°15.0'N | 137°35.0'E | X | | X | X | RDG |
| 15 | 2 Aug | 68 | 10°34.0'N | 139°12.0'E | X | | X | X | RDG |
| 16 | 14 Sep | 68 | 11°17.0'N | 138°24.0'E | X | | X | X | RDG |
| 17 | 14 Sep | 68 | 10°53.0'N | 137°20.0'E | X | | X | X | SMT |
| 18 | 13 Sep | 68 | 11°28.0'N | 136°45.0'E | X | | X | X | SMT |
| 19 | 12 Sep | 68 | 11°18.0'N | 135°11.0'E | X | | X | X | SMT |
| 20 | 11 Sep | 68 | 10°31.0'N | 135°49.0'E | X | | X | X | SMT |
| 21 | 9 Sep | 68 | 09°30.0'N | 134°30.0'E | X | | X | X | RDG |
| 22 | 1 Aug | 68 | 11°09.0'N | 141°42.0'E | X | | X | X | |
| 23 | 18 Sep | 68 | 11°09.0'N | 143°16.0'E | X | | X | X | |
| 24 | 18 Sep | 68 | 11°10.0'N | 144°42.0'E | X | | X | X | |
| 25 | 9 Aug | 68 | 12°27.0'N | 132°57.0'E | X | | X | X | BAS |

Data reported in volumes

*SP-97-13

STATION DATA
SP-97-12
Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS | PROV |
|------|-----------|-----------|------------|-------------|-------------|------|---------------|----------|----------|-------------------|-------------|------|
| 26 | 9 Aug 68 | 11°39.0'N | 132°50.0'E | | | | | | | | | |
| 27 | 11 Aug 68 | 14°32.0'N | 132°13.0'E | | | | | | | | | |
| 28 | 10 Aug 68 | 13°37.0'N | 132°20.0'E | | | | | | | | | |
| 29 | 10 Aug 68 | 12°57.0'N | 132°19.0'E | | | | | | | | | |
| 30 | 5 Sep 68 | 13°04.0'N | 133°38.0'E | | | | | | | | | |
| 32 | 5 Sep 68 | 14°07.0'N | 133°30.0'E | | | | | | | | | |
| 35 | 12 Sep 68 | 12°30.0'N | 136°02.0'E | | | | | | | | | |
| 38 | 12 Sep 68 | 12°39.0'N | 136°59.0'E | | | | | | | | | |
| 39 | 15 Sep 68 | 12°08.0'N | 137°43.0'E | | | | | | | | | |
| 40 | 15 Sep 68 | 12°28.0'N | 138°28.0'E | | | | | | | | | |
| 41 | 16 Sep 68 | 12°29.0'N | 139°33.0'E | | | | | | | | | |
| 48 | 3 Sep 68 | 16°27.0'N | 134°19.0'E | | | | | | | | | |
| 49 | 4 Sep 68 | 15°11.0'N | 134°07.0'E | | | | | | | | | |
| 50 | 12 Sep 68 | 15°34.0'N | 132°46.0'E | | | | | | | | | |
| 51 | 13 Aug 68 | 16°53.0'N | 132°11.0'E | | | | | | | | | |
| 52 | 12 Aug 68 | 16°20.0'N | 133°15.0'E | | | | | | | | | |
| 53 | 3 Sep 68 | 17°18.0'N | 133°31.0'E | | | | | | | | | |
| 58 | 2 Sep 68 | 18°08.0'N | 132°31.0'E | | | | | | | | | |
| 59 | 14 Aug 68 | 19°16.0'N | 132°10.0'E | | | | | | | | | |
| 60 | 14 Aug 68 | 20°04.0'N | 132°53.0'E | | | | | | | | | |
| 61 | 15 Aug 68 | 19°33.0'N | 133°57.0'E | | | | | | | | | |
| 63 | 15 Aug 68 | 19°07.0'N | 135°29.0'E | | | | | | | | | |
| 65 | 16 Aug 68 | 20°58.0'N | 135°39.0'E | | | | | | | | | |
| 66 | 17 Aug 68 | 21°06.0'N | 134°52.0'E | | | | | | | | | |
| 67 | 16 Aug 68 | 12°24.0'N | 140°15.0'E | | | | | | | | | |
| 68 | 10 Sep 68 | 10°39.0'N | 134°21.0'E | | | | | | | | | |

Data reported in volumes

*SP-97-13

4

5 3 3A 5 3A 5 1*
5 2

STATION DATA
Contractor: Alpine Geophysical Associates, Incorporated

SP-97-13

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO PROV |
|------|-----------|-----------|------------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 28 | 27 Apr 68 | 13°33.0'N | 127°26.0'E | | | X | | X | | X | RDG |
| 29 | 9 May 68 | 14°38.0'N | 127°41.0'E | | | X | | X | | X | BAS |
| 30 | 8 May 68 | 14°17.0'N | 128°45.0'E | | | X | | X | | X | BAS |
| 31 | 3 May 68 | 13°42.0'N | 129°42.0'E | | | X | | X | | X | BAS |
| 32 | 28 Apr 68 | 13°18.0'N | 128°58.0'E | | | X | | X | | X | BAS |
| 33 | 29 Apr 68 | 12°29.0'N | 129°43.0'E | | | X | | X | | X | BAS |
| 34 | 29 Apr 68 | 11°44.0'N | 130°05.0'E | | | X | | X | | X | BAS |
| 35 | 30 Apr 68 | 11°12.0'N | 131°01.0'E | | | X | | X | | X | BAS |
| 36 | 1 May 68 | 11°57.0'N | 131°41.0'E | | | X | | X | | X | BAS |
| 37 | 1 May 68 | 12°47.0'N | 130°59.0'E | | | X | | X | | X | BAS |
| 38 | 3 May 68 | 13°32.0'N | 130°47.0'E | | | X | | X | | X | BAS |
| 39 | 5 May 68 | 14°07.0'N | 131°42.0'E | | | X | | X | | X | BAS |
| 40 | 3 May 68 | 14°12.0'N | 130°26.0'E | | | X | | X | | X | BAS |
| 41 | 5 May 68 | 14°55.0'N | 131°09.0'E | | | X | | X | | X | BAS |
| 42 | 6 May 68 | 15°41.0'N | 131°51.0'E | | | X | | X | | X | RDG |
| 43 | 7 May 68 | 15°29.0'N | 130°08.0'E | | | X | | X | | X | BAS |
| 44 | 8 May 68 | 15°01.0'N | 129°12.0'E | | | X | | X | | X | BAS |
| 45 | 9 May 68 | 15°41.0'N | 128°37.0'E | | | X | | X | | X | BAS |
| 46 | 10 May 68 | 15°37.0'N | 127°12.0'E | | | X | | X | | X | RDG |
| 47 | 11 May 68 | 14°55.0'N | 126°16.0'E | | | X | | X | | X | TRN |
| 48 | 11 May 68 | 14°20.0'N | 125°07.0'E | | | X | | X | | X | TGH |
| 50 | 25 Jun 68 | 15°52.0'N | 123°03.0'E | | | X | | X | | X | TGH |
| 51 | 25 Jun 68 | 16°22.0'N | 123°03.0'E | | | X | | X | | X | TGH |
| 52 | 21 May 68 | 16°26.0'N | 124°52.0'E | | | X | | X | | X | PLT |
| 54 | 22 May 68 | 16°27.0'N | 125°57.0'E | | | X | | X | | X | RDG |

Data reported in volumes

4

5 3 3A

1 1A
2

| STATION DATA SP-97-i3 | | | | | | | | | | Contractor: Alpine Geophysical Associates, Incorporated | | | | |
|-----------------------|--------|----------|-----------|-------------|--------------|------|---------------|----------|----------|---|-------------|------|--|--|
| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSEN CASTS | CORE | RVRB SFC /VOL | RVBB BOT | BOT PHOT | ACOUSTIC RROP/BOT | PHYSIO PROV | LOSS | | |
| 55 | 23 May | 68 | 17°17'0"N | 126°46'0"E | X | | X | X | X | | X | | | |
| 56 | 23 May | 68 | 16°57'0"N | 127°48'0"E | X | | X | X | X | | X | | | |
| 57 | 24 May | 68 | 17°08'0"N | 129°07'0"E | X | | X | X | X | | X | | | |
| 58 | 7 May | 68 | 17°03'0"N | 130°40'0"E | X | | X | X | X | | X | | | |
| 59 | 6 May | 68 | 16°52'0"N | 131°43'0"E | X | | X | X | X | | X | | | |
| 60 | 25 May | 68 | 18°08'0"N | 131°30'0"E | X | | X | X | X | | X | | | |
| 61 | 26 May | 68 | 19°05'0"N | 131°45'0"E | X | | X | X | X | | X | | | |
| 62 | 27 May | 68 | 20°10'0"N | 131°16'0"E | X | | X | X | X | | X | | | |
| 63 | 16 Jun | 68 | 20°10'0"N | 130°10'0"E | X | | X | X | X | | X | | | |
| 64 | 17 Jun | 68 | 19°13'0"N | 130°43'0"E | X | | X | X | X | | X | | | |
| 65 | 25 May | 68 | 18°15'0"N | 130°46'0"E | X | | X | X | X | | X | | | |
| 66 | 25 May | 68 | 18°18'0"N | 129°51'0"E | X | | X | X | X | | X | | | |
| 67 | 17 Jun | 68 | 18°40'0"N | 128°58'0"E | X | | X | X | X | | X | | | |
| 69 | 23 Jun | 68 | 18°33'0"N | 125°58'0"E | X | | X | X | X | | X | | | |
| 70 | 24 Jun | 68 | 17°16'0"N | 124°38'0"E | X | | X | X | X | | X | | | |
| 71 | 23 Jun | 68 | 18°33'0"N | 124°04'0"E | X | | X | X | X | | X | | | |
| 72 | 21 Jun | 68 | 19°35'0"N | 124°25'0"E | X | | X | X | X | | X | | | |
| 73 | 21 Jun | 68 | 19°55'0"N | 123°40'0"E | X | | X | X | X | | X | | | |
| 74 | 22 Jun | 68 | 19°56'0"N | 122°32'0"E | X | | X | X | X | | X | | | |
| 75 | 22 Jun | 68 | 18°54'0"N | 122°57'0"E | X | | X | X | X | | X | | | |
| 76 | 4 Jun | 68 | 22°55'0"N | 122°28'0"E | X | | X | X | X | | X | | | |
| 77 | 3 Jun | 68 | 22°01'0"N | 123°19'0"E | X | | X | X | X | | X | | | |
| 78 | 12 Jun | 68 | 20°59'0"N | 123°12'0"E | X | | X | X | X | | X | | | |
| 79 | 13 Jun | 68 | 20°31'0"N | 124°36'0"E | X | | X | X | X | | X | | | |
| 80 | 3 Jun | 68 | 21°23'0"N | 124°05'0"E | X | | X | X | X | | X | | | |

Data reported in volumes

STATION DATA SP-97-13
 Contractor: Alpine Geophysical Associates, Incorporated

| STN# | DATE | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE | RVRB SFC /VOL | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|--------|----------|-----------|----------------|----------------|------|---------------------|-------------|-------------|----------------------|----------------|
| 81 | 2 Jun | 68 | 22°19.0'N | 124°31.0'E | X | X | X | X | X | X | BAS |
| 82 | 1 Jun | 68 | 22°00.0'N | 125°36.0'E | X | X | X | X | X | X | BAS |
| 83 | 1 Jun | 68 | 22°26.0'N | 127°09.0'E | X | X | X | X | X | X | BAS |
| 84 | 31 May | 68 | 21°35.0'N | 127°41.0'E | X | X | X | X | X | X | BAS |
| 85 | 14 Jun | 68 | 21°05.0'N | 126°40.0'E | X | X | X | X | X | X | BAS |
| 86 | 13 Jun | 68 | 20°37.0'N | 125°26.0'E | X | X | X | X | X | X | BAS |
| 87 | 20 Jun | 68 | 19°26.0'N | 125°26.0'E | X | X | X | X | X | X | BAS |
| 88 | 19 Jun | 68 | 19°40.0'N | 126°38.0'E | X | X | X | X | X | X | BAS |
| 89 | 15 Jun | 68 | 20°30.0'N | 127°27.0'E | X | X | X | X | X | X | BAS |
| 90 | 18 Jun | 68 | 19°27.0'N | 128°04.0'E | X | X | X | X | X | X | BAS |
| 91 | 18 Jun | 68 | 19°32.0'N | 129°21.0'E | X | X | X | X | X | X | BAS |
| 92 | 16 Jun | 68 | 20°28.0'N | 129°20.0'E | X | X | X | X | X | X | BAS |
| 93 | 15 Jun | 68 | 20°55.0'N | 128°30.0'E | X | X | X | X | X | X | BAS |
| 94 | 31 May | 68 | 22°08.0'N | 128°44.0'E | X | X | X | X | X | X | BAS |
| 95 | 30 May | 68 | 22°04.0'N | 130°14.0'E | X | X | X | X | X | X | BAS |
| 96 | 30 May | 68 | 21°21.0'N | 129°48.0'E | X | X | X | X | X | X | BAS |
| 97 | 28 May | 68 | 20°58.0'N | 130°31.0'E | X | X | X | X | X | X | BAS |
| 98 | 29 May | 68 | 21°17.0'N | 132°02.0'E | X | X | X | X | X | X | RDG |
| 99 | 29 May | 68 | 21°50.0'N | 131°16.0'E | X | X | X | X | X | X | BAS |

Data reported in volumes

4

5
 3A
 3A
 2

1
 1A
 5

| STN# | DATE | STATION DATA | | SP-97-15 | | Contractor: Alpine Geophysical Associates, Incorporated | RVRB BOT | BOT PHOT | ACOUSTIC PROP/BOT | PHYSIO LOSS |
|------|-----------|--------------|------------|----------------|----------------|---|-------------|-------------|----------------------|----------------|
| | | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | | | | | |
| 1 | 22 Oct 67 | 22°01.0'N | 116°02.0'E | X | | | | | X | CSE |
| 2 | 8 Dec 67 | 21°21.0'N | 118°04.0'E | X | | | | | X | CSA |
| 3 | 7 Dec 67 | 22°10.0'N | 119°30.0'E | X | | | | | X | CSP |
| 4 | 6 Dec 67 | 21°03.0'N | 119°28.0'E | X | | | | | X | RSE |
| 5 | 9 Dec 67 | 20°42.0'N | 118°25.0'E | X | | | | | X | CSP |
| 6 | 10 Dec 67 | 20°05.0'N | 117°29.0'E | X | | | | | X | CSP |
| 7 | 10 Dec 67 | 19°27.0'N | 116°40.0'E | X | | | | | X | CSP |
| 8 | 11 Dec 67 | 19°06.0'N | 115°15.0'E | X | | | | | X | CSP |
| 9 | 11 Dec 67 | 18°04.0'N | 114°28.0'E | X | | | | | X | RSE |
| 10 | 15 Dec 67 | 17°31.0'N | 114°24.0'E | X | | | | | X | RSE |
| 11 | 16 Dec 67 | 17°45.0'N | 115°06.0'E | X | | | | | X | RSE |
| 12 | 17 Dec 67 | 18°06.0'N | 115°43.0'E | X | | | | | X | RSE |
| 13 | 17 Dec 67 | 18°41.0'N | 116°58.0'E | X | | | | | X | ABP |
| 14 | 22 Feb 68 | 19°05.0'N | 118°03.0'E | X | | | | | X | ABP |
| 15 | 22 Feb 68 | 18°39.0'N | 118°30.0'E | X | | | | | X | ABP |
| 16 | 3 Dec 67 | 19°29.0'N | 119°18.0'E | X | | | | | X | RSE |
| 17 | 5 Dec 67 | 20°16.0'N | 119°28.0'E | X | | | | | X | RSE |
| 18 | 2 Dec 67 | 18°11.0'N | 119°19.0'E | X | | | | | X | ABP |
| 19 | 2 Dec 67 | 18°22.0'N | 119°14.0'E | X | | | | | X | ABP |
| 20 | 23 Feb 68 | 17°34.0'N | 118°10.0'E | X | | | | | X | ABP |
| 21 | 18 Dec 67 | 18°04.0'N | 117°26.0'E | X | | | | | X | ABP |
| 22 | 21 Feb 68 | 17°33.0'N | 116°30.0'E | X | | | | | X | ABP |
| 23 | 20 Feb 68 | 16°35.0'N | 115°55.0'E | X | | | | | X | ABP |
| 24 | 20 Feb 68 | 16°10.0'N | 116°28.0'E | X | | | | | X | ABP |
| 25 | 24 Feb 68 | 15°18.0'N | 116°46.0'E | X | | | | | X | ABP |
| 26 | 23 Feb 68 | 16°11.0'N | 117°06.0'E | X | | | | | X | ABP |

4

Data reported in volumes

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

| STN# | DATE | STATION DATA | | | SP-97-15 | | | Incorporated |
|------|-----------|--------------|------------|----------------|----------------|-------------|---------------------|--------------|
| | | LATITUDE | LONGITUDE | SOUND VELOC | NANSN CASTS | CORE SFC | RVRB BOT /VOL | |
| 27 | 19 Dec 67 | 17°14.0'N | 117°15.0'E | X | | | | |
| 28 | 30 Nov 67 | 16°55.0'N | 117°56.0'E | X | | | | |
| 29 | 29 Nov 67 | 15°40.0'N | 117°43.0'E | X | | | | |
| 30 | 28 Nov 67 | 14°36.0'N | 118°14.0'E | X | | | | |
| 31 | 26 Feb 68 | 13°54.0'N | 117°44.0'E | X | | | | |
| 32 | 25 Feb 68 | 14°19.0'N | 116°46.0'E | X | | | | |
| 33 | 24 Feb 68 | 14°34.0'N | 116°03.0'E | X | | | | |
| 34 | 19 Feb 68 | 15°29.0'N | 115°37.0'E | X | | | | |
| 35 | 18 Feb 68 | 15°50.0'N | 115°11.0'E | X | | | | |
| 36 | 14 Dec 68 | 17°25.0'N | 113°32.0'E | X | | | | |
| 37 | 12 Dec 68 | 18°34.0'N | 113°27.0'E | X | | | | |
| 38 | 26 Oct 67 | 21°03.0'N | 113°31.0'E | X | | | | |
| 39 | 25 Oct 67 | 20°30.0'N | 114°03.0'E | X | | | | |
| 40 | 27 Oct 67 | 18°55.0'N | 112°23.0'E | X | | | | |
| 41 | 13 Dec 67 | 17°58.0'N | 112°18.0'E | X | | | | |
| 42 | 28 Oct 67 | 17°22.0'N | 111°45.0'E | X | | | | |
| 43 | 13 Dec 67 | 17°14.0'N | 112°28.0'E | X | | | | |
| 44 | 17 Feb 68 | 15°52.0'N | 113°19.0'E | X | | | | |
| 45 | 17 Feb 68 | 15°13.0'N | 113°02.0'E | X | | | | |
| 46 | 11 Feb 68 | 14°49.0'N | 114°20.0'E | X | | | | |
| 47 | 11 Feb 68 | 14°37.0'N | 114°59.0'E | X | | | | |
| 48 | 9 Feb 69 | 13°47.0'N | 116°21.0'E | X | | | | |
| 49 | 26 Feb 69 | 13°10.0'N | 117°13.0'E | X | | | | |
| 50 | 16 Nov 67 | 13°01.0'N | 117°51.0'E | X | | | | |
| 51 | 17 Nov 67 | 11°57.0'N | 119°12.0'E | X | | | | |

Data reported in volumes

4

1A
2

1
5

Contractor: STATION DATA SP-97-15
Alpine Geophysical Associates, Incorporated

Data reported in volumes

REPORT CATALOG

Both contractors were required to report essentially similar acoustic, geophysical, and oceanographic data for their assigned task areas. Texas Instruments' task areas were in the eastern North Atlantic and Mediterranean, and Alpine task areas were in the western North Atlantic and North Pacific, figures 1-3. The reporting format adopted by both contractors was generally consistent for task areas within each SP series, except for area XVII of the SP-96 series and transits (altered because of their special missions). Except for transits, no underway measurements are reported for task areas in the SP-97 series. The SP-95, SP-96, and SP-97 reports are listed in order in the catalog section.

The reports are described below within a general measurement category, rather than each volume in each task area being described.

1. Acoustic reports.

a. Both contractors summarize bottom reflection results, discuss the acoustic-domain concept, and review source level and receiving-system calibrations in volume 1 in each of the report series.

b. Total transmission, derived from explosive sources, and bottom loss as a function of range, grazing angle, and discrete frequencies (from 100 Hz to 12 kHz) are generally reported in volume 2 of each series in a format of computer listings and plots. Shot-run bathymetry associated with acoustic station propagation loss measurements is also reported.

c. Pulsed CW normal incidence bottom loss data at 3.5 kHz measured underway are presented in volume 3 of the SP-95 series and volumes 3 and 7 of the SP-96 series. Hourly averages and mean deviations are presented in tabular and plot format.

d. Computer tabulations and plots of bottom and surface/volume reverberation levels at frequencies of 0.5, 1.0, 2.0, 3.5, 8.0, and 12.0 kHz are reported for each acoustic station in volume 4, SP-95 series; volume 4A, SP-96 series;

PAGE 6 - TO BLANK

and volumes 3 and 3A, SP-97 series. Volume reverberation levels at 2.0, 3.5, and 8.0 kHz, determined at 24-hour stations, are reported in volume 4, SP-96 series and volume 3, SP-97 series (excluding task area 15).

2. Geophysical reports.

Bathymetric, physiographic, structural features, and magnetic intensity discussions based on underway measurements are presented in volume 5 of the SP-95 series and volume 5, 6, and 7 of the SP-96 series.

3. Oceanographic reports.

Core, camera, and Nansen cast data collected at selected oceanographic stations and velocimeter drops at each acoustic station are presented. Cores are analyzed for physical and engineering properties, and correlations of sediment sound speed with the physical properties are included. Grazing angles, slant ranges, and travel times between shot and receiver, calculated from the velocimeter measurements, are also presented. Salinity and temperature data are used to compute sound speeds, which are compared to the on-station velocimeter data. The data are reported in volume 6 of the SP-95 series, volumes 8, 8A, and 8B of the SP-96 series, and in volumes 4 and 5 of the SP-97 series.

4. Field operations and data processing.

a. At-sea operational methods, measurement sensing and recording systems, and calibration procedures used during the surveys are reported in volume 8 of the SP-95 series, volume 10 of the SP-96 series (in task areas 1, 2, and 5 only), and volume 2 of the SP-97 series.

b. Reduction, analysis, and quality control of measurements are discussed in volume 9 of the SP-95 series, volume 11 of the SP-96 series, and in volume 7 of the SP-97 series.

5. Transits.

Transits designated HL, ST, and SF are reported in addition to the standard task area report assignments. Tabular listings and graphs of pulsed and explosive bottom reflection

Best Available Copy

loss and acoustic province presentations are reported in volume 1 of the SP-95 series and the SP-96 series. Underway geophysical data are reported in volume 2 of the SP-95 series and the SP-96 series.

Classified volumes are available in accordance with OPNAVINST 5510.1D of the Department of Navy Supplement to the DOD Information Security Program Regulation, and unclassified volumes are available to all interested users. Volumes may be obtained by contacting:

Director
Defense Mapping Agency, Hydrographic Center
Stock Control Division (Code MC)
Washington, D.C. 20373

The volumes are priced at \$3 per copy. Specific volumes should be identified by citing the NAVOCEANO Special Publication number.

Appendix A shows the density of Acoustic Stations and should not be used to obtain a precise station location.

Appendix B is a complete distribution list of the MGS reports and is included to provide a ready reference to the availability of distributed reports.

United States Naval Oceanographic Office
 Marine Geophysical Survey Program 1965-1967
 North Atlantic Ocean, Norwegian, and
 Mediterranean Sea

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|--------------------------------------|--|------------------|-----------------|
| SP-95-1-1 | Acoustic Results and Summary Report | 5/68 | C |
| SP-95-1-2 | Acoustic Station Results | 9/67 | C |
| SP-95-1-3 | Pulsed Normal Incidence Data | 6/67 | C |
| SP-95-1-4 | Reverberation | 9/67 | C |
| SP-95-1-5 | Geology and Geophysics | 6/67 | U |
| SP-95-1-6 | Oceanographic Stations & Velocity Profiles | 6/67 | U |
| SP-95-1-7 | Data Catalog | 6/67 | U |
| SP-95-1-8 | Field Operations | 6/67 | U |
| SP-95-1-9 | Data Processing Techniques | 9/67 | C |
| SP-95-2-1 | Acoustic Results & Summary Report | 10/68 | C |
| SP-95-2-2 | Acoustic Station Data | 8/68 | C |
| SP-95-2-3 | Pulsed Normal-Incidence Data | 8/68 | C |
| SP-95-2-4 | Reverberation | 3/68 | C |
| SP-95-2-5 | Geology and Geophysics | 3/68 | U |
| SP-95-2-6 | Velocity Profiles | 2/68 | U |
| SP-95-2-7 | Data Catalog | 1/68 | U |
| SP-95-2-8 | Field Operations | 1/68 | U |
| SP-95-2-9 | Data Processing Techniques | 12/67 | C |
| SP-95-3-1 | Acoustic Results and Summary Report | 1/69 | C |
| SP-95-3-2 | Acoustic-Station Data | 8/68 | C |

* C = Confidential; U = Unclassified

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|---|--|---------------------|-----------------|
| SP-95-3-3 | Pulsed Normal-Incidence Data | 8/68 | C |
| SP-95-3-4 | Reverberation | 7/68 | C |
| SP-95-3-5 | Geology and Geophysics | 10/68 | U |
| SP-95-3-6 | Oceanographic Stations and Velocity Profiles | 7/68 | U |
| SP-95-3-7 | Data Catalog | 5/68 | U |
| SP-95-3-8 | Field Operations | 8/68 | U |
| SP-95-3-9 | Data Processing Techniques | 9/68 | C |
| | | | |
| SP-95-5-1 | Acoustic Results and Summary Report | 8/68 | C |
| SP-95-5-2 | Acoustic-Station Data | 8/68 | C |
| SP-95-5-3 | Pulsed Normal-Incidence Data | 8/68 | C |
| SP-95-5-4 | Reverberation | 4/68 | C |
| SP-95-5-5 | Geology and Geophysics | 1/67 | U |
| SP-95-5-6 | Oceanographic Stations and Velocity Profiles | 2/67 | U |
| SP-95-5-6S | Oceanographic Stations and Velocity Profiles (Supplement) | 6/67 | U |
| SP-95-5-7 | Data Catalog | 6/67 | U |
| SP-95-5-8 | Field Operations | 1/67 | U |
| SP-95-5-8S | Field Operations (Supplement) | 6/67 | U |
| SP-95-5-9 | Data Processing Techniques | 4/68 | C |
| | | | |
| SP-95-6-1 | Acoustic Results and Summary Report | 5/68 | C |
| SP-95-6-2 | Acoustic-Station Data | 8/68 | C |
| SP-95-6-3 | Pulsed Normal-Incidence Data | 9/67 | C |

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification |
|---|---|-----------------------------|-----------------------|
| SP-95-6-4 | Reverberation | 9/67 | C |
| SP-95-6-5 | Geology and Geophysics | 10/67 | U |
| SP-95-6-6 | Oceanographic Stations and Velocity Profiles | 12/67 | U |
| SP-95-6-7 | Data Catalog | 8/67 | U |
| SP-95-6-8 | Field Operations | 8/67 | U |
| SP-95-6-9 | Data Processing Techniques | 9/67 | C |
| SP-95-7/4-1 | Acoustic Results and Summary Report | 7/69 | C |
| SP-95-7/4-2 | Acoustic-Station Results | 5/69 | C |
| SP-95-7/4-3 | Not Published For Area 7/4 | | |
| SP-95-7/4-4 | Reverberation | 6/69 | C |
| SP-95-7/4-5 | Geology and Geophysics | 4/69 | U |
| SP-95-7/4-6 | Oceanographic Stations and Velocity Profiles | 3/69 | U |
| SP-95-7/4-7 | Data Catalog | 1/69 | U |
| SP-95-7/4-8 | Field Operations | 2/69 | U |
| SP-95-7/4-9 | Data Processing Techniques | 1/69 | C |

United States Naval Oceanographic Office
 Marine Geophysical Survey Program 1965-1967
 Western North Atlantic and Eastern and
 Central North Pacific Oceans

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|--------------------------------------|---|------------------|-----------------|
| SP-96-I-1 | Summary Report and Bottom Reflection Loss | 10/66 | C |
| SP-96-I-1A | Summary Report and Bottom Reflection Loss | 1/67 | C |
| SP-96-I-2 | Summary Tables of Acoustic Station Results | 9/66 | C |
| SP-96-I-2A | Summary Tables of Acoustic Station Results | 1/67 | C |
| SP-96-I-3 | Underway 3.5 kHz Normal Incidence Reflection Loss | 1/66 | C |
| SP-96-I-4 | Reverberation | 1/68 | C |
| SP-96-I-5 | Bathymetry and Subbottom Profiling | 9/66 | U |
| SP-96-I-6 | Magnetics | 6/66 | U |
| SP-96-I-7 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise | 6/66 | C |
| SP-96-I-7A | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Acoustic Station Cruise | 7/66 | C |
| SP-96-I-7B | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 1/67 | C |
| SP-96-I-8 | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores | 9/66 | U |
| SP-96-I-8A | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Hydrographic Stations including Area II | 9/66 | U |
| SP-96-I-8B | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores | 6/67 | U |

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|---|---|---------------------|-----------------|
| SP-96-I-8C | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 2/67 | U |
| SP-96-I-9 | Catalog of Data | 8/66 | U |
| SP-96-I-9A | Catalog of Data | 1/67 | U |
| SP-96-I-10 | Ship Operations and Measurements At Sea | 9/66 | U |
| SP-96-I-11 | Data Analysis Procedures | 9/66 | U |
| | | | |
| SP-96-II-1 | Summary Report and Bottom Reflection Loss | 3/68 | C |
| SP-96-II-2 | Summary Tables of Acoustic Station Results | 1/68 | C |
| SP-96-II-3 | Underway 3.5 kHz Normal Incidence Reflection Loss | 1/67 | C |
| SP-96-II-4 | Reverberation | 3/68 | C |
| SP-96-II-5 | Bathymetry and Subbottom Profiling | 11/66 | U |
| SP-96-II-6 | Magnetics | 11/66 | U |
| SP-96-II-7 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise | 11/66 | C |
| SP-96-II-7A1 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 11/66 | C |
| SP-96-II-7A2 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 11/66 | C |
| SP-96-II-8 | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores | 2/67 | U |
| SP-96-II-8A | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 1/67 | U |
| SP-96-II-9 | Catalog of Data | 11/66 | U |

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|---|---|---------------------|-----------------|
| SP-96-SF-1 | Summary Report and Bottom Reflection Loss | 3/68 | C |
| SP-96-SF-2 | Summary Tables of Acoustic Station Results | 2/67 | C |
| SP-96-SF-3 | Underway 3.5 kHz Normal Incidence Reflection Loss | 4/67 | C |
| SP-96-SF-4 | Not Published for This Area | | |
| SP-96-SF-5 | Bathymetry and Subbottom Profiling | 2/67 | U |
| SP-96-SF-6 | Magnetics | 2/67 | U |
| SP-96-SF-7 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 2/67 | C |
| SP-96-SF-7A | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 2/67 | C |
| SP-96-SF-7B | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 2/67 | C |
| SP-96-SF-8 | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 3/67 | U |
| SP-96-SF-8A | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 12/66 | U |
| SP-96-SF-9 | Catalog of Data | 1/67 | U |
| SP-96-HH-1 | Summary Report of Acoustic Information | 3/68 | C |
| SP-96-HH-2 | Summary Report of Geophysical Information | 9/67 | U |
| SP-96-HH-3 | Catalog of Data | 5/67 | U |
| SP-96-HH-4 | Cores and Bottom Photographic Stations | 6/68 | U |

| NAVOCETO Special Publication Number | Title | Publication Date | Classification* |
|--|---|---------------------|-----------------|
| SP-96-V-1 | Summary Report and Bottom Reflection Loss | 4/68 | C |
| SP-96-V-2 | Summary Tables of Acoustic Station Results | 7/66 | C |
| SP-96-V-3 | Underway 3.5 kHz Normal Incidence Reflection Loss | 6/67 | C |
| SP-96-V-4 | Reverberation | 4/68 | C |
| SP-96-V-5 | Bathymetry and Subbottom Profiling | 9/67 | C |
| SP-96-V-6 | Magnetics | 6/67 | C |
| SP-96-V-7 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise | 1/68 | C |
| SP-96-V-7A | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 1/68 | C |
| SP-96-V-7B | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 1/68 | C |
| SP-96-V-8 | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores | 1/68 | C |
| SP-96-V-8A | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 1/68 | C |
| SP-96-V-8B | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Hydrographic Stations | 1/68 | C |
| SP-96-V-9 | Catalog of Data | 7/67 | C |
| SP-96-6-1 | Summary Report and Bottom Reflection Loss | 5/68 | C |
| SP-96-6-2 | Summary Tables of Acoustic Station Results | 5/68 | C |
| SP-96-6-3 | Underway 3.5 kHz Normal Incidence Reflection Loss | 5/68 | C |

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|---|---|---------------------|-----------------|
| SP-96-6-4 | Reverberation | 4/68 | C |
| SP-96-6-4A | Bottom and Surface-Volume Reverberation | 9/69 | C |
| SP-96-6-5 | Bathymetry and Subbottom Profiling | 3/68 | U |
| SP-96-6-6 | Magnetics | 5/68 | U |
| SP-96-6-7 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise | 8/68 | C |
| SP-96-6-7A | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 8/68 | C |
| SP-96-6-7B | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Detailed Cruise | 8/68 | C |
| SP-96-6-8 | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores | 8/68 | U |
| SP-96-6-8A | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 11/68 | U |
| SP-96-6-8B | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Hydrographic Stations | 11/68 | U |
| SP-96-6-9 | Catalog of Data | 5/68 | U |
| SP-96-6-10 | Ships Operations, Measurements At Sea and Data Analysis Procedures | 4/69 | U |
| SP-96-XVII-1 | Summary Report of Acoustic Information | 5/68 | C |
| SP-96-XVII-1A | Significance of Acoustic Transmission Via Subbottom Refraction Paths | 1/68 | C |
| SP-96-XVII-1B | Total Energy Transmission Loss at Low Frequencies | 6/68 | C |
| SP-96-XVII-2 | Underway 3.5 kHz Normal Incidence Reflection Loss | 4/68 | C |

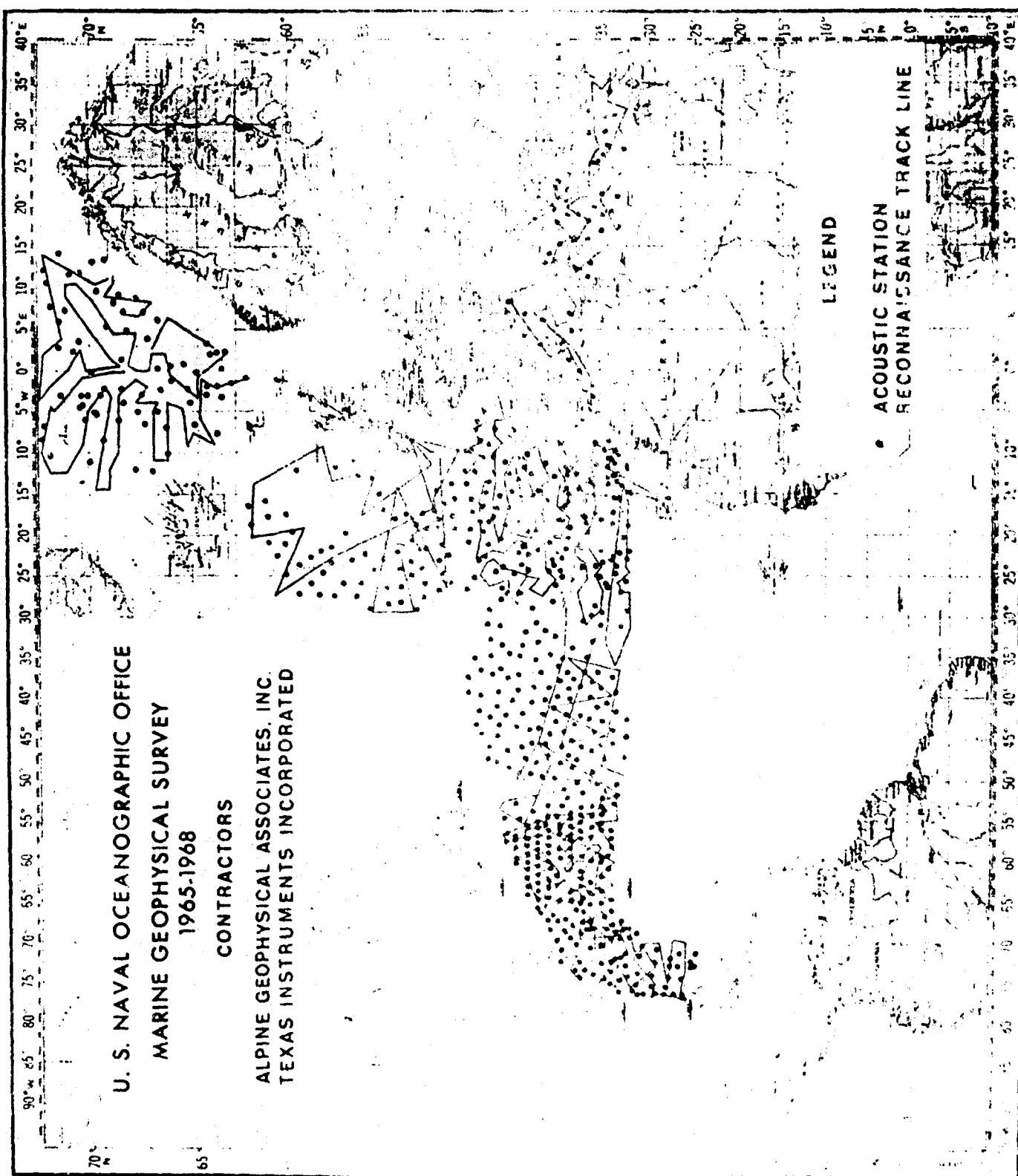
| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|---|---|---------------------|-----------------|
| SP-96-XVII-3 | Bathymetry and Subbottom Profiling | 5/68 | U |
| SF-96-XVII-4 | Magnetics | 2/68 | U |
| SP-96-XVII-5 | Summary Profiles of Underway Geophysical and 3.5 kHz Normal Incidence Reflection Loss Results-Reconnaissance Cruise | 2/68 | C |
| SP-96-XVII-6 | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Cores | 6/68 | U |
| SP-96-XVII-6A | Core, Sound Velocity, Hydrographic, and Bottom Photographic Stations-Sound Velocity Profiles | 2/68 | U |
| SP-96-XVII-7 | Catalog of Data | 12/67 | U |

United States Naval Oceanographic Office
 Marine Geophysical Survey Program 1965-1967
 Western North Atlantic and Eastern and
 Central North Pacific Oceans

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification* |
|--------------------------------------|--|------------------|-----------------|
| SP-97-12-1 | Summary Report and Bottom Reflection Loss | 2/69 | C |
| SP-97-12-2 | Summary Tables of Acoustic Station Results | 2/69 | C |
| SP-97-12-3 | Reverberation | 2/69 | C |
| SP-97-12-3A | Bottom and Surface-Volume Reverberation | 5/69 | C |
| SP-97-12-4 | Sound Velocimeter Results and Shot Run Bathymetry | 1/69 | U |
| SP-97-12-5 | Core Analysis | 5/69 | U |
| SP-97-12-6 | Catalog of Data | 2/69 | U |
| SP-97-12-7 | Ships Operations, Measurements At Sea and Data Analysis Procedures | 4/69 | U |
| SP-97-13-1 | Summary Report and Bottom Reflection Loss | 2/69 | C |
| SP-97-13-1A | Long Range Station | 8/69 | C |
| SP-97-13-2 | Summary Tables of Acoustic Station Results | 2/69 | C |
| SP-97-13-3 | Reverberation | 1/69 | C |
| SP-97-13-3A | Bottom and Surface-Volume Reverberation | 5/69 | C |
| SP-97-13-4 | Sound Velocimeter Results and Shot Run Bathymetry | 1/69 | U |
| SP-97-13-5 | Core Analysis | 5/69 | U |
| SP-97-13-6 | Catalog of Data | 1/69 | U |
| SP-97-13-7 | Ships Operations, Measurements At Sea and Data Analysis Procedures | 4/69 | U |

| NAVOCEANO Special Publication Number | Title | Publication Date | Classification |
|---|---|---------------------|----------------|
| SP-97-15-1 | Summary Report and Bottom Reflection Loss | 7/68 | C |
| SP-97-15-1A | Shallow Water Propagation Stations | 8/69 | C |
| SP-97-15-2 | Summary Tables of Acoustic Station Results | 7/68 | C |
| SP-97-15-3 | Bottom and Surface-Volume Reverberation | 1/69 | C |
| SP-97-15-4 | Sound Velocimeter Results and Shot Run Bathymetry | 1/69 | C |
| SP-97-15-5 | Core Analysis | 2/69 | C |
| SP-97-15-6 | Catalog of Data | 7/68 | C |
| SP-97-15-7 | Ships Operations, Measurements at Sea and Data Analysis Procedures | 3/69 | C |
| SP-97-ST-1 | Summary Report of Acoustic Information | 7/68 | C |
| SP-97-ST-2 | Summary Report of Geophysical Information | 8/68 | C |
| SP-97-ST-3 | Catalog of Data | 1/69 | C |

APPENDIX A



Preceding page blank

Reproduced from
best available copy.

FIGURE A-1 STATION LOCATION CHART C-2F

U. S. NAVAL OCEANOGRAPHIC OFFICE
MARINE GEOPHYSICAL SURVEY
1965-1968

CONTRACTORS

ALPINE GEOPHYSICAL ASSOCIATES, INC
TEXAS INSTRUMENTS INCORPORATED

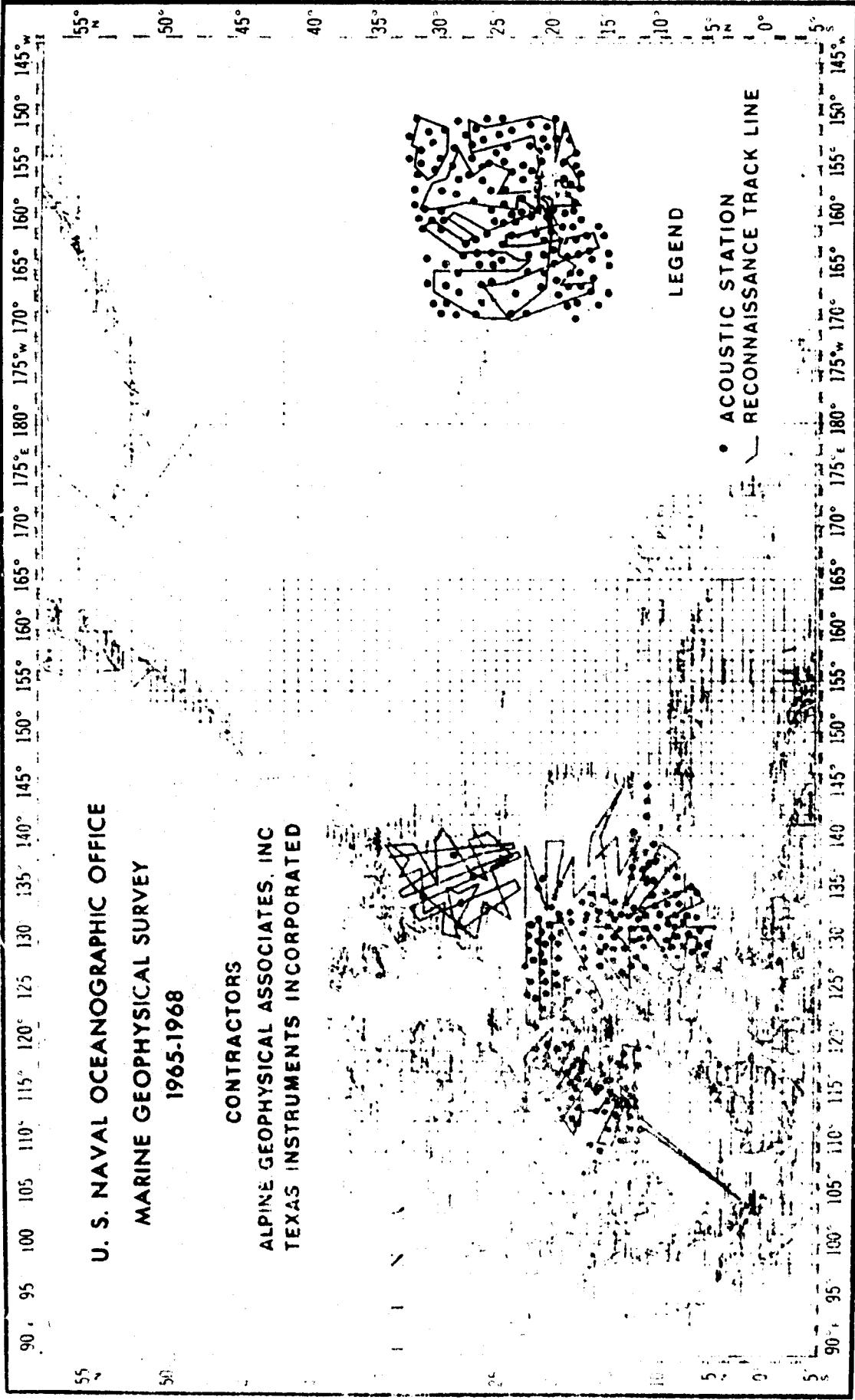


FIGURE A-2 STATION LOCATION DENSITY CHART